

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1	"20020123515".pn.	US-PGPUB; USPAT	OR	ON	2006/09/13 15:07
L7	468	548/375.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/09/13 15:07
S1	1	"20060116414".pn.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:09
S2	5	("3859338" "3928364" "4016214" "4036989" "7098227").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:09
S3	5	("20060116414" "20050124815" "20060148886" "20040044060" "20040077692").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:11
S4	3	("20040029930" "6515000" "650392").PN.	US-PGPUB; USPAT	OR	ON	2006/09/13 14:11
S5	13	S1 S2 S3 S4	US-PGPUB; USPAT	OR	ON	2006/09/13 14:48

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FILE 'HOME' ENTERED AT 13:16:42 ON 13 SEP 2006

=> file reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:16:52 ON 13 SEP 2006
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STRUCTURE FILE UPDATES: 12 SEP 2006 HIGHEST RN 906508-44-9
DICTIONARY FILE UPDATES: 12 SEP 2006 HIGHEST RN 906508-44-9

New CAS Information Use Policies. enter HELP USAGETERMS for details.

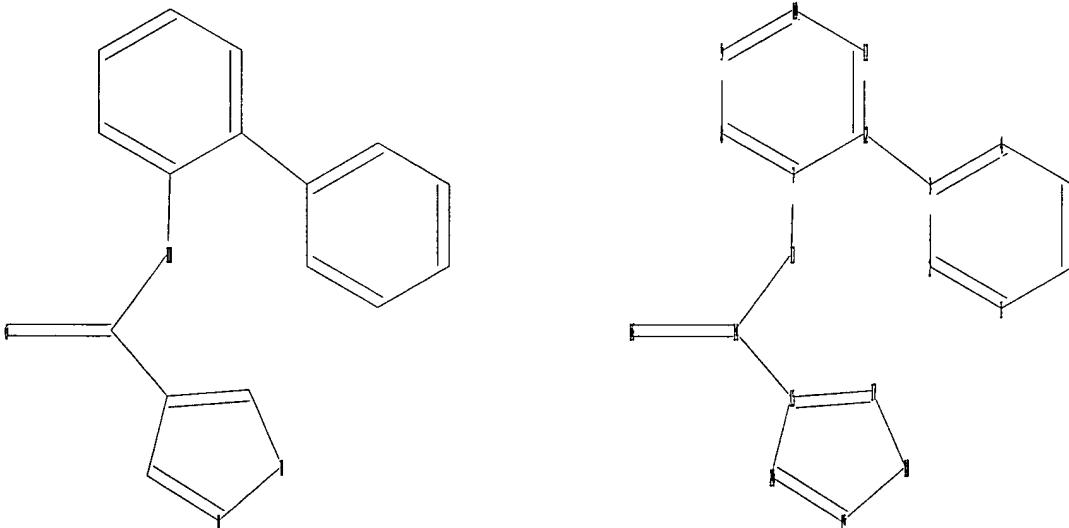
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> Uploading C:\Program Files\Stnexp\Queries\10540036\Struc 3.str



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chain nodes :  
13 14 16  
ring nodes :  
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chain bonds :  
3-12 7-13 13-14 14-15 14-16  
ring bonds :
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10540036.trn

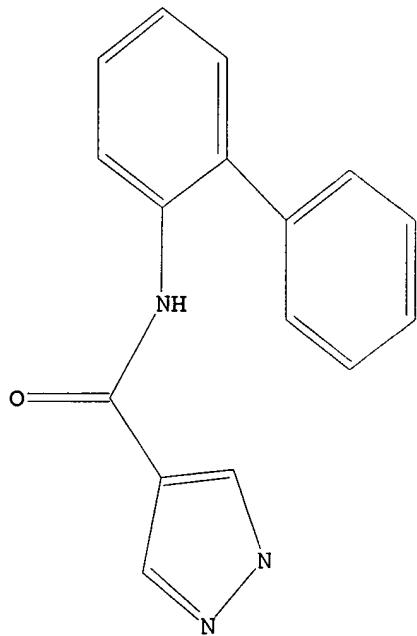
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17-18 18-19 19-20
exact/norm bonds :
7-13 13-14 14-16 15-17 15-20 17-18 18-19 19-20
exact bonds :
3-12 14-15
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:Atom 18:Atom 19:Atom
20:Atom

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 21 TO ITERATE

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

10540036.trn

BATCH **COMPLETE**
 PROJECTED ITERATIONS: 146 TO 694
 PROJECTED ANSWERS: 93 TO 587

L2 17 SEA SSS SAM L1

=> l1 full
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100.0% PROCESSED 487 ITERATIONS 387 ANSWERS
 SEARCH TIME: 00.00.01

L3 387 SEA SSS FUL L1

=> file medline caplus
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 ENTRY SESSION
 FULL ESTIMATED COST 166.94 167.15

FILE 'MEDLINE' ENTERED AT 13:17:13 ON 13 SEP 2006

FILE 'CAPLUS' ENTERED AT 13:17:13 ON 13 SEP 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> l3
 L4 28 L3

=> d ibib abs hitstr 1-28

L4 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:512967 CAPLUS
 DOCUMENT NUMBER: 144:482751
 TITLE: Synergistic fungicidal menadione compositions
 INVENTOR(S): Koehle, Harald; Stierl, Reinhard; Gold, Randall Evan;
 Goerth, Felix Christian; Speakman, John-Bryan; Dombo,
 Peter; Semar, Martin; Strobel, Dieter; Niedenbrueck,
 Matthias; Bestman, Hans
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006056434	A1	20060601	WO 2005-EP12562	20051124
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				

CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2004-102004057279A 20041126

OTHER SOURCE(S): MARPAT 144:482751

AB Synergistic fungicidal compns. comprise menadione and at least one agent selected from: (A) azoles, such as cyproconazole, difenoconazole, epoxiconazole, fluquinconazole, flusilazole, hexaconazole, imazalil, metconazole, myclobutanil, penconazole, prochloraz, prothioconazole, tebuconazole, triadimefon, triadimenol, triflumizole; (B) strobilurines, such as azoxystrobin, dimoxystrobin, fluoxastrobin, kresoxim-Me, metominostrobin, orysastrobin, picoxystrobin, pyraclostrobin, or trifloxystrobin; (C) acylalanines, such as benalaxyl, metalaxyl, mefenoxam, ofurace, oxadixyl; (D) amine derivs., such as spiroxamine; (E) anilinopyrimidines, such as pyrimethanil, mepanipyrim, or cyprodinil, (F) dicarboximides, such as iprodion, procymidone, vinclozolin; (G) cinnamamides and analogs, such as dimethomorph, flumetover, or flumorph; (H) dithiocarbamates, such as ferbam, nabam, maneb, metam, metiram, propineb, polycarbamate, thiram, ziram, zineb; (I) heterocyclic compds., such as benomyl, boscalid, carbendazim, dithianon, famoxadone, fenamidone, picobenzamide, proquinazid, quinoxyfen, thiophanate-Me, triforine, 5-chloro-7-(4-methyl-piperidine-1-yl)-6-(2,4,6-trifluoro-phenyl)-[1,2,4]triazolo[1,5-a]pyrimidin, 3-(3-bromo-6-fluoro-2-methyl-indol-1-sulfonyl)-[1,2,4]triazol-1-sulfonic acid di-Me amide, or thiophene derivs.

IT 887499-95-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal composition)

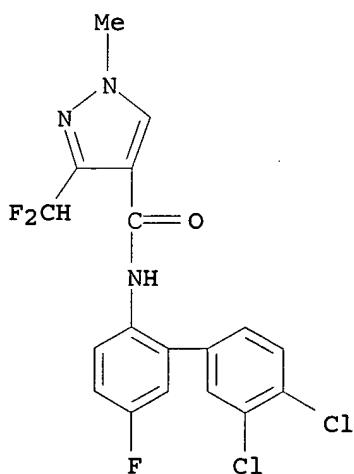
RN 887499-95-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-methyl-1,4-naphthalenedione (9CI) (CA INDEX NAME)

CM 1

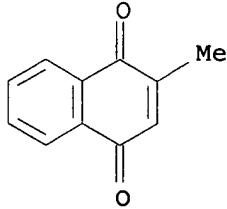
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CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 58-27-5
 CMF C11 H8 O2



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

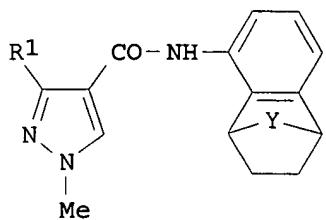
L4 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:343598 CAPLUS
 DOCUMENT NUMBER: 144:364543
 TITLE: Synergistic fungicidal compositions comprising pyrazole derivatives
 INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans
 PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
 SOURCE: PCT Int. Appl., 142 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037632	A1	20060413	WO 2005-EP10755	20051006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: GB 2004-22401 A 20041008

OTHER SOURCE(S): MARPAT 144:364543

GI

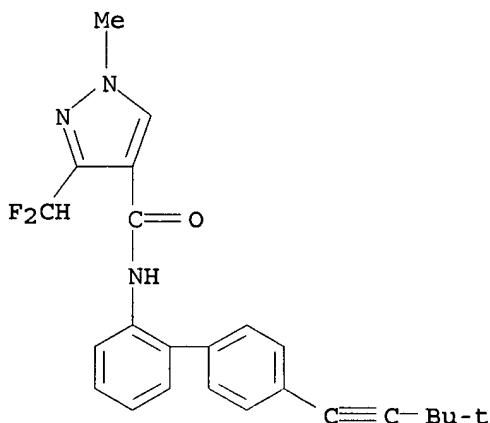


AB Synergistic fungicidal compns. comprise a pyrazole derivative I (R1 = difluoromethyl or trifluoromethyl; Y = CHR₂ or C:CH₂; R₂ = H or alkyl) or a I tautomer and component any of a very large number of known fungicides and insecticides.

IT 723746-91-6D, mixts. with pyrazole derivs. 723746-94-9D, mixts. with pyrazole derivs. 723747-35-1D, mixts. with pyrazole derivs. 723747-41-9D, mixts. with pyrazole derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

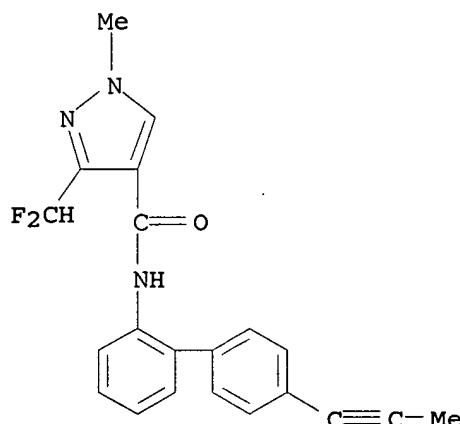
RN 723746-91-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



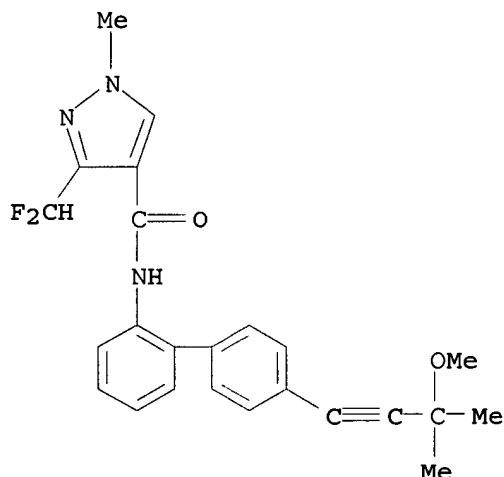
RN 723746-94-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



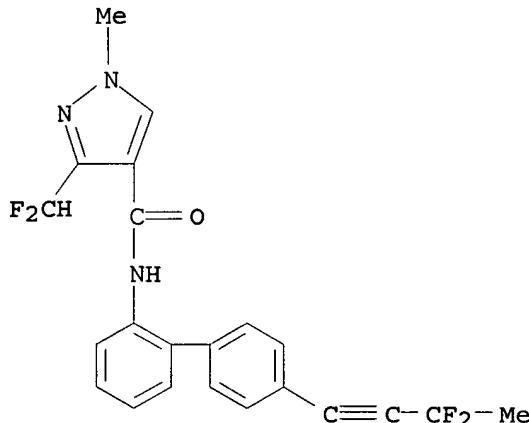
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

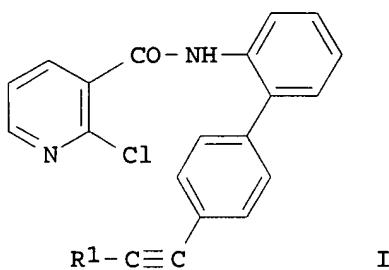


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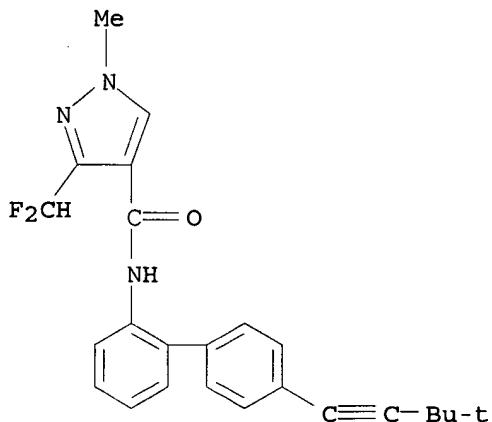
L4 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:343286 CAPLUS
 DOCUMENT NUMBER: 144:364542
 TITLE: Synergistic fungicidal compositions comprising a pyridine derivative
 INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrendfreund, Josef; Lamberth, Clemens; Tobler, Hans
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
 SOURCE: PCT Int. Appl., 112 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037633	A1	20060413	WO 2005-EP10756	20051006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

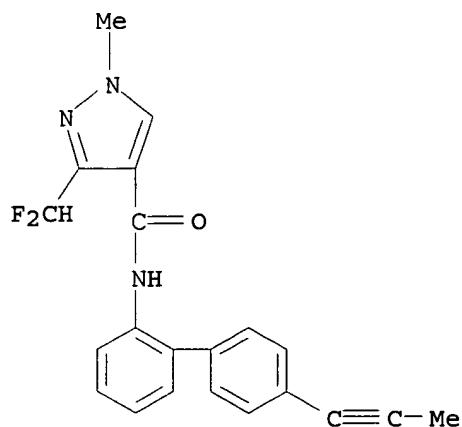
PRIORITY APPLN. INFO.: GB 2004-22399 A 20041008
 OTHER SOURCE(S): MARPAT 144:364542
 GI



- AB A method of controlling phytopathogenic diseases on useful plants or on plant propagation material comprises applying a pyridine derivative I (R¹ = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer, in a mixts. with any of a very large number of known fungicides and/or insecticides.
- IT 723746-91-6D, mixts. with pyridine derivs. 723746-94-9D,
mixts. with pyridine derivs. 723747-35-1D, mixts. with pyridine
derivs. 723747-41-9D, mixts. with pyridine derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
- RN 723746-91-6 CAPPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

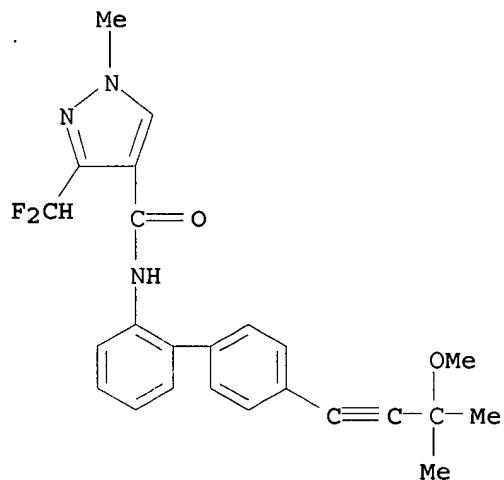


- RN 723746-94-9 CAPPLUS
- CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



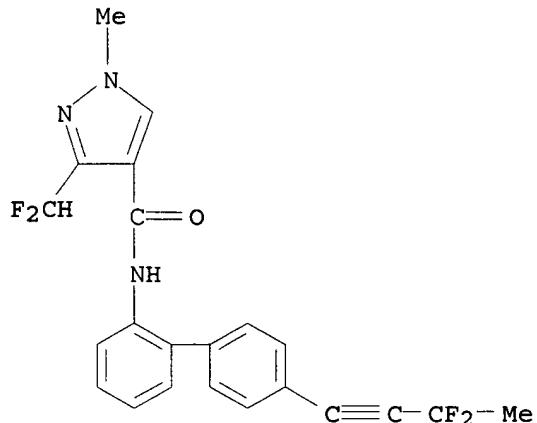
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)-[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



RN 723747-41-9 CAPLUS

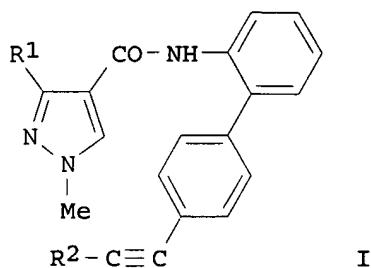
CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)-[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:342999 CAPLUS
 DOCUMENT NUMBER: 144:364541
 TITLE: Synergistic fungicidal compositions comprising a pyrazole derivative
 INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
 SOURCE: PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037634	A1	20060413	WO 2005-EP10757	20051006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.: GB 2004-22400				A 20041008
OTHER SOURCE(S): MARPAT 144:364541				
GI				



AB Synergistic fungicidal compns. comprise a pyrazole derivative I (R1 = difluoromethyl or trifluoromethyl; R2 = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer and any of a very large number of known fungicides and/or insecticides.

IT 881685-73-0 881685-74-1 881685-75-2
881685-76-3 881685-77-4 881685-78-5
881685-79-6

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)

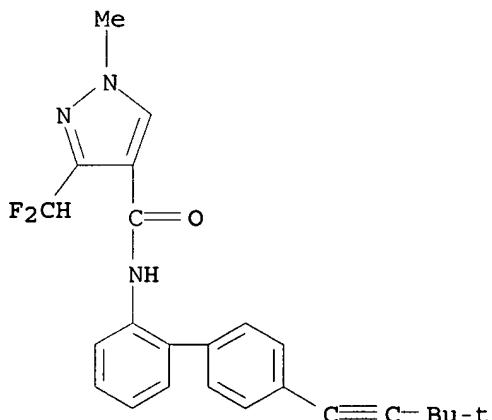
RN 881685-73-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 1-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]piperidine (9CI) (CA INDEX NAME)

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CRN 723746-91-6

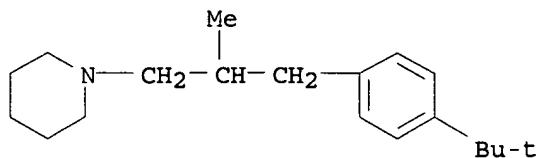
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CM 2

CRN 67306-00-7

CMF C19 H31 N



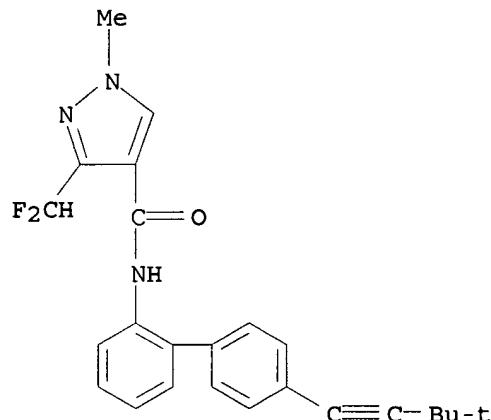
RN 881685-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile (9CI) (CA INDEX NAME)

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CRN 723746-91-6

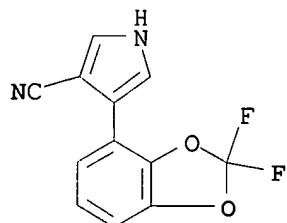
CMF C24 H23 F2 N3 O



CM 2

CRN 131341-86-1

CMF C12 H6 F2 N2 O2

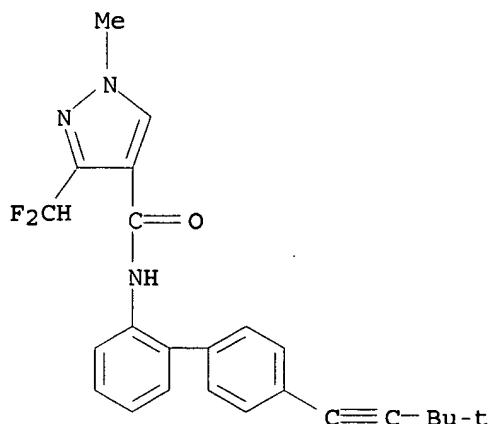


RN 881685-75-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

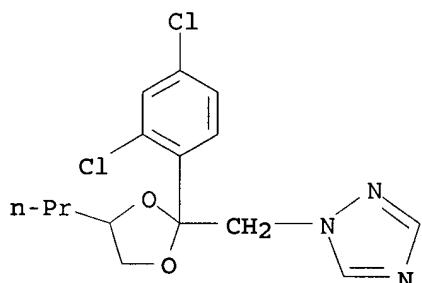
CM 1

CRN 723746-91-6
CMF C24 H23 F2 N3 O



CM 2

CRN 60207-90-1
CMF C15 H17 Cl2 N3 O2

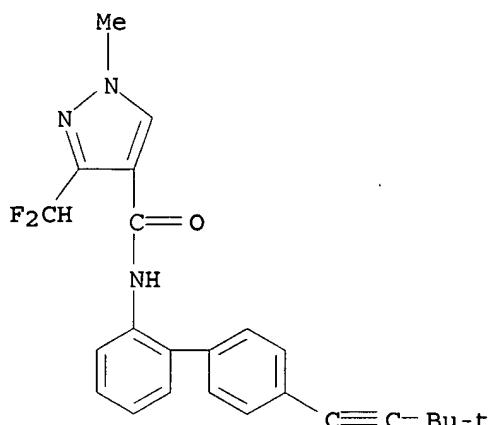


RN 881685-76-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with α -(4-chlorophenyl)- α -(1-cyclopropylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

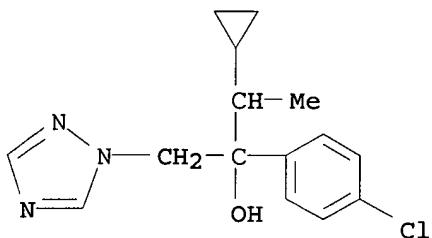
CM 1

CRN 723746-91-6
CMF C24 H23 F2 N3 O



CM 2

CRN 94361-06-5
CMF C15 H18 Cl N3 O

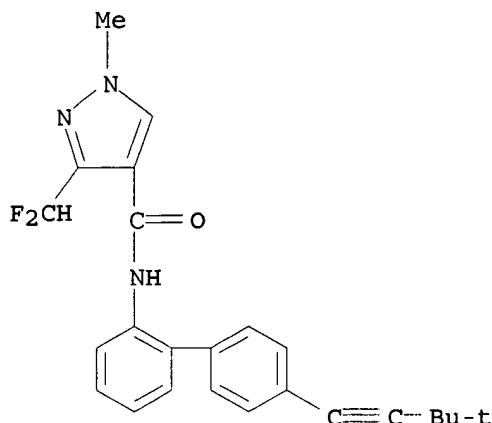


RN 881685-77-4 CAPLUS

CN Benzeneacetic acid, 2-[[(6-(2-cyanophenoxy)-4-pyrimidinyl)oxy]-α-(methoxymethylene)-, methyl ester, (αE)-, mixt. with 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

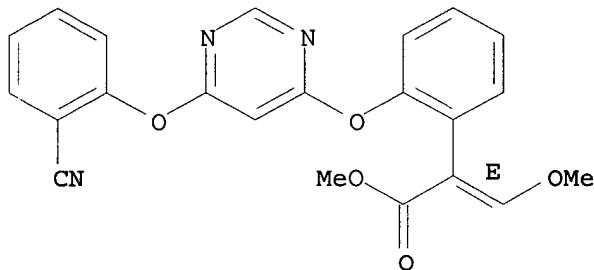
CRN 723746-91-6
CMF C24 H23 F2 N3 O



CM 2

CRN 131860-33-8
CMF C22 H17 N3 O5

Double bond geometry as shown.

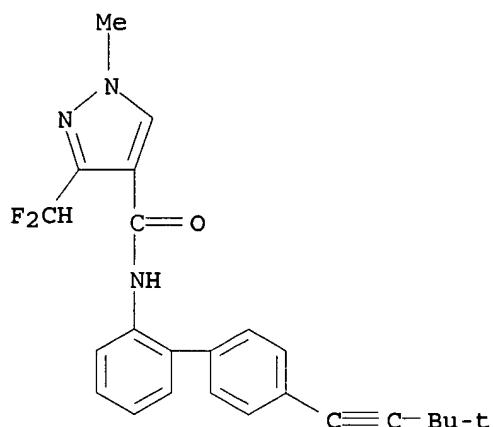


RN 881685-78-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 2,4,5,6-tetrachloro-1,3-benzeneddicarbonitrile (9CI) (CA INDEX NAME)

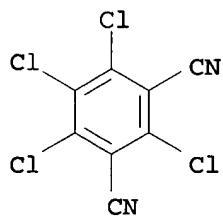
CM 1

CRN 723746-91-6
CMF C24 H23 F2 N3 O



CM 2

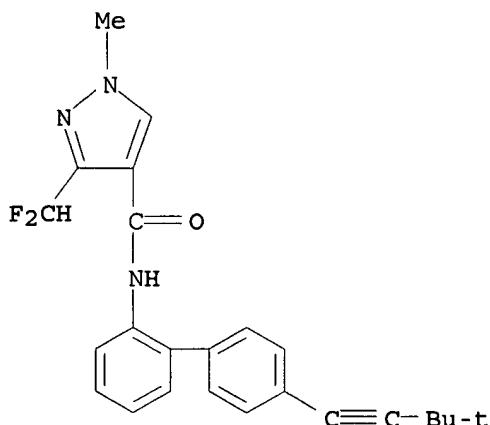
CRN 1897-45-6
CMF C8 Cl4 N2



RN 881685-79-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-, mixt. with 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

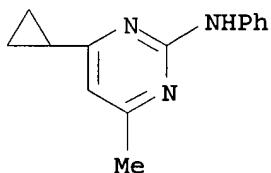
CM 1

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CMF C24 H23 F2 N3 O



CM 2

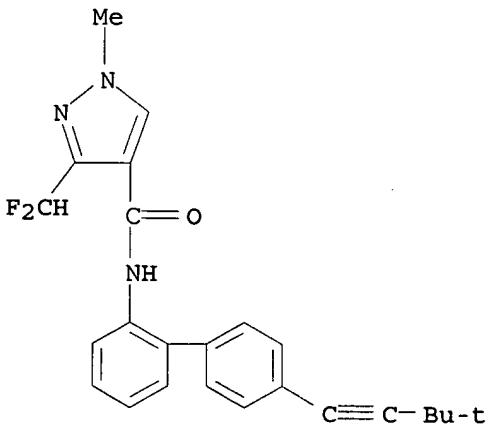
CRN 121552-61-2
CMF C14 H15 N3



IT 723746-91-6D, mixts. containing 723746-94-9D, mixts. containing
723747-35-1D, mixts. containing 723747-41-9D, mixts. containing
881685-72-9D, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)

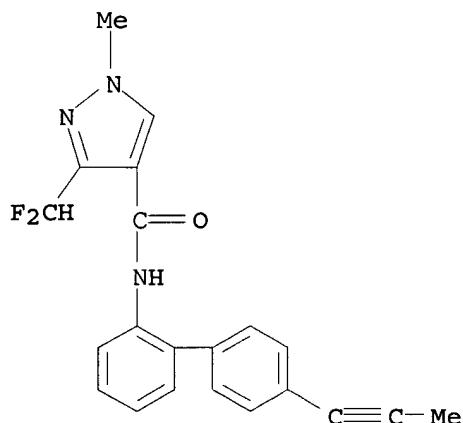
RN 723746-91-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



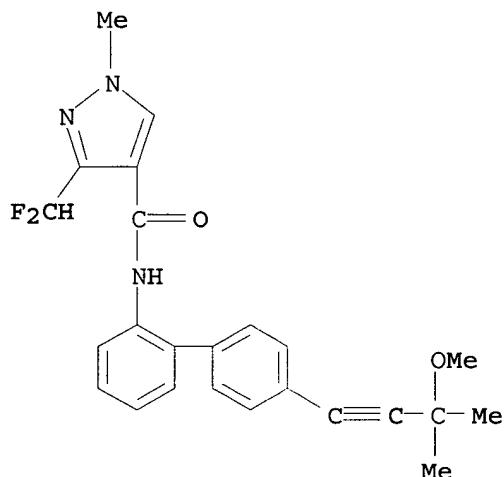
RN 723746-94-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



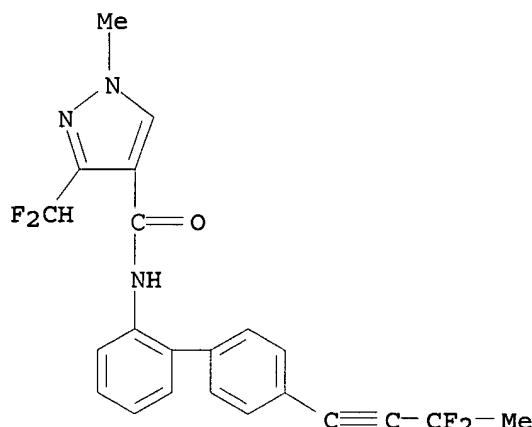
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



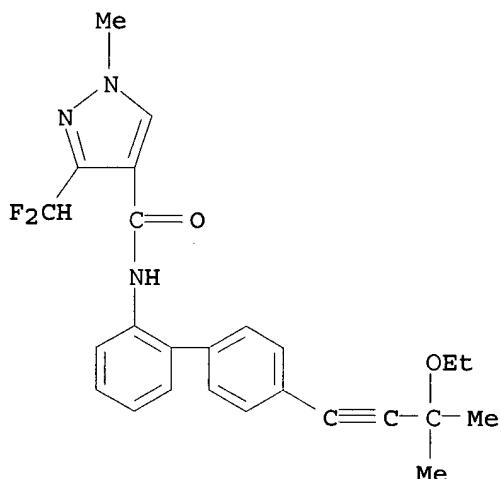
RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 881685-72-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-ethoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:273896 CAPLUS

DOCUMENT NUMBER: 144:306857

TITLE: Synergistic fungicidal compositions comprising

spiroxamine, an azole and a carboxamide derivative

INVENTOR(S): Dahmen, Peter; Wachendorff-Neumann, Ulrike; Dunkel, Ralf

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: Ger. Offen., 29 pp.

CODEN: GWXXBX

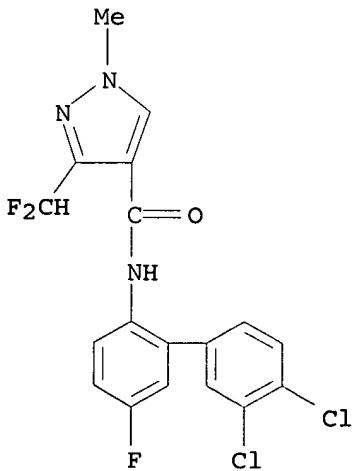
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

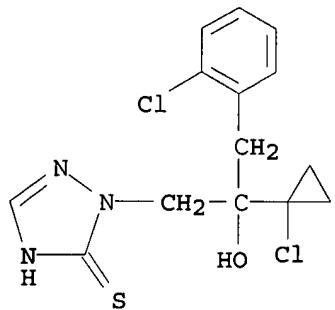
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102004045242	A1	20060323	DE 2004-102004045242	20040917
WO 2006032356	A1	20060330	WO 2005-EP9503	20050903
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			DE 2004-102004045242A 20040917	
OTHER SOURCE(S): MARPAT 144:306857				
AB Synergistic fungicidal compns. comprise spiroxamine, a known azole fungicide, such as prothioconazole, and a known carboxamide derivative fungicide.				
IT	879882-93-6 879882-94-7 879882-95-8 879882-96-9 879882-97-0			
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicide composition)				
RN	879882-93-6 CAPLUS			
CN	1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)			
CM	1			
CRN	581809-46-3			
CMF	C18 H12 Cl2 F3 N3 O			



CM 2

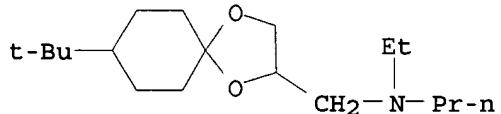
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CRN 178928-70-6
CMF C14 H15 Cl2 N3 O S



CM 3

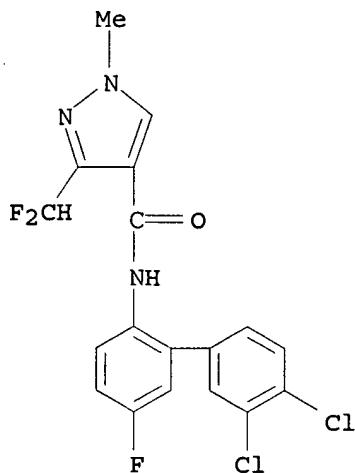
CRN 118134-30-8
CMF C18 H35 N O2



RN 879882-94-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with α-[2-(4-chlorophenyl)ethyl]-α-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol and
8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

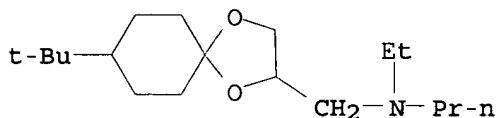
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



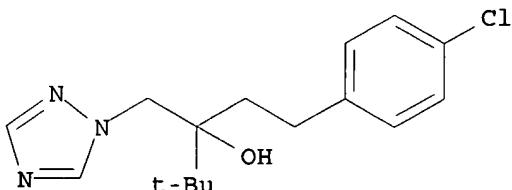
CM 2

CRN 118134-30-8
CMF C18 H35 N O2



CM 3

CRN 107534-96-3
CMF C16 H22 Cl N3 O



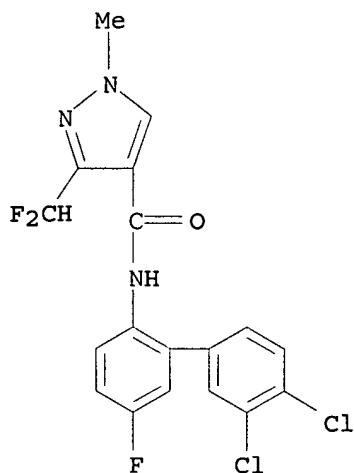
RN 879882-95-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with β -([1,1'-biphenyl]-4-yloxy)- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

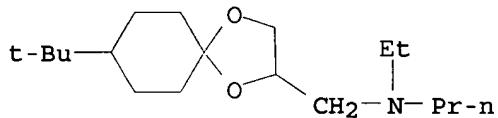
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O

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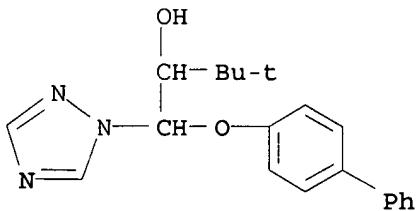
CM 2

CRN 118134-30-8
CMF C18 H35 N O2



CM 3

CRN 55179-31-2
CMF C20 H23 N3 O2



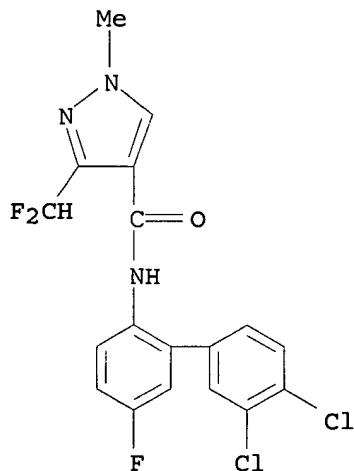
RN 879882-96-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-((3',4'-dichlorophenoxy)-1-methyl-3-(4-(2-hydroxyethyl)biphenyl-3-yl)-1H-1,2,4-triazole-1-ethanol and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

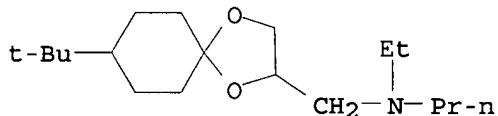
10540036.trn

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



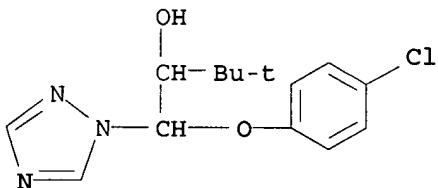
CM 2

CRN 118134-30-8
CMF C18 H35 N O2



CM 3

CRN 55219-65-3
CMF C14 H18 Cl N3 O2



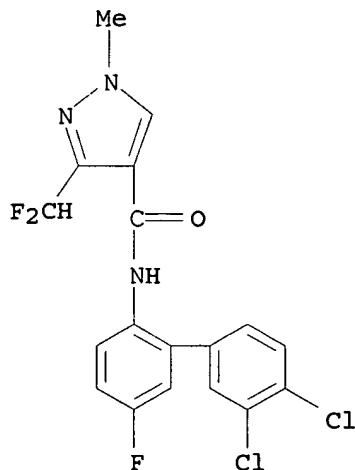
RN 879882-97-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)-4(3H)-quinazolinone and 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

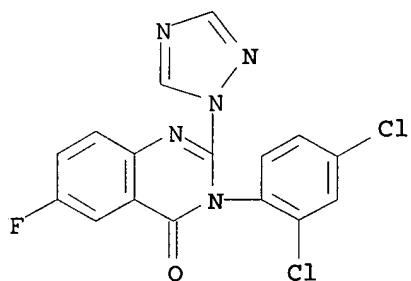
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CRN 581809-46-3
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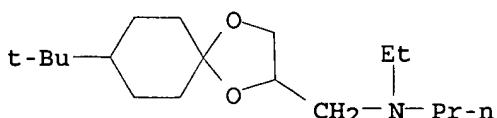
CM 2

CRN 136426-54-5
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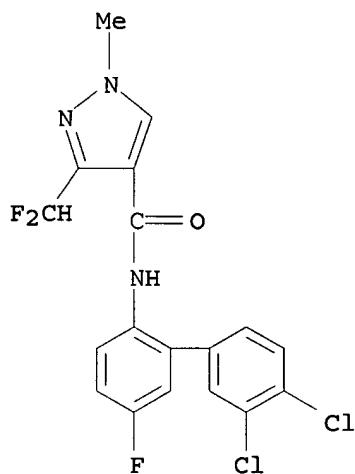
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CRN 118134-30-8
CMF C18 H35 N O2



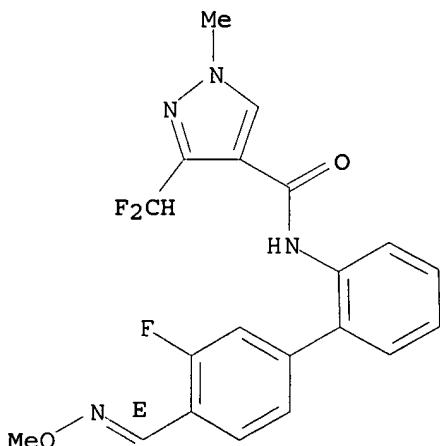
IT 581809-46-3D, mixts. with spiroxamine and azoles
851018-45-6D, mixts. with spiroxamine and azoles
851018-46-7D, mixts. with spiroxamine and azoles
879882-80-1D, mixts. with spiroxamine and azoles

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide compns.)
RN 581809-46-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-
3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



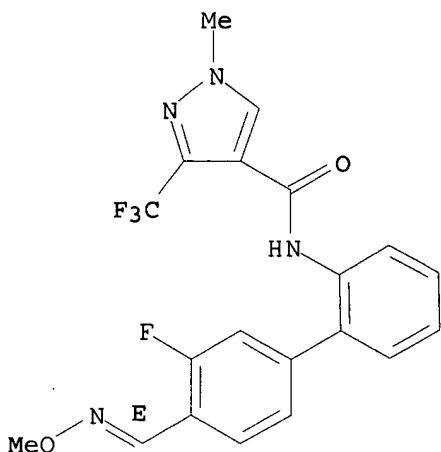
RN 851018-45-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



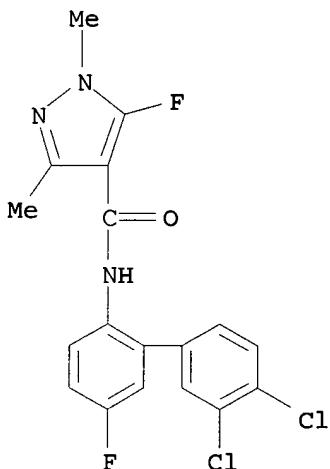
RN 851018-46-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 879882-80-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:190961 CAPLUS

DOCUMENT NUMBER: 144:253890

TITLE: Preparation of 2-biphenylamines as agrochemical fungicides

INVENTOR(S) : Joerges, Wolfgang; Heinrich, Jens-Dietmar; Lantzsch, Reinhard

PATENT ASSIGNEE(S) : Bayer Cropscience A.-G., Germany

SOURCE: Ger. Offen., 20 pp.

CODEN : GWXXBX

DOCUMENT TYPE: **Patent**

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

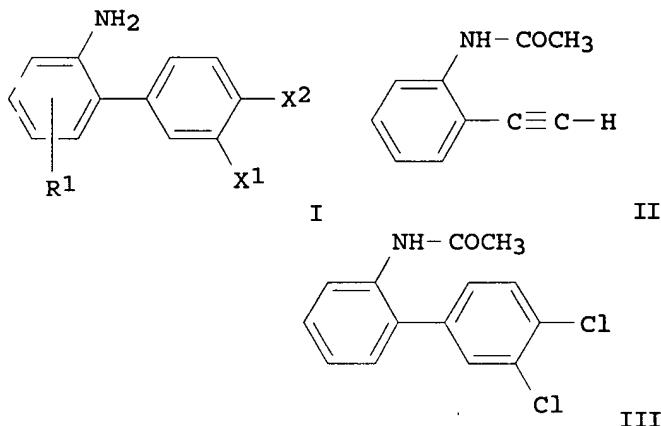
10540036.trn

DE 102004041531 A1 20060302 DE 2004-102004041531 20040827
WO 2006024388 A1 20060309 WO 2005-EP8838 20050813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2004-102004041531A 20040827

OTHER SOURCE(S): MARPAT 144:253890

GI



AB Title compds. I [R1 = H, halo, alkyl, etc.; X1 = halo; X2 = halo] were prepared For example, tandem cycloaddn.-cycloreversion of 3,4-dichlorothiophene 1,1-dioxide and phenylethyne II afforded 2-biphenylamine in 73% yield. Of note, compds. are useful intermediates in the production of agrochem. fungicides.

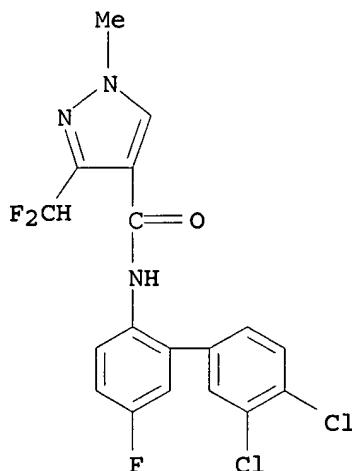
IT 581809-46-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-biphenylamines as agrochem. fungicides)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1355575 CAPLUS

DOCUMENT NUMBER: 144:88282

TITLE: Preparation of 1-methyl-3-difluoromethylpyrazole-4-carboxylic acid anilides as agrochemical fungicides
Gewehr, Markus; Mueller, Bernd; Grote, Thomas;
Grammenos, Wassilius; Schwoegler, Anja; Rheinheimer,
Joachim; Bleitner, Carsten; Schaefer, Peter;
Schieweck, Frank; Wagner, Oliver; Werner, Frank;
Rether, Jan; Strathmann, Siegfried; Stierl, Reinhard;
Scherer, Maria

INVENTOR(S): BASF Aktiengesellschaft, Germany

PATENT ASSIGNEE(S): PCT Int. Appl., 33 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

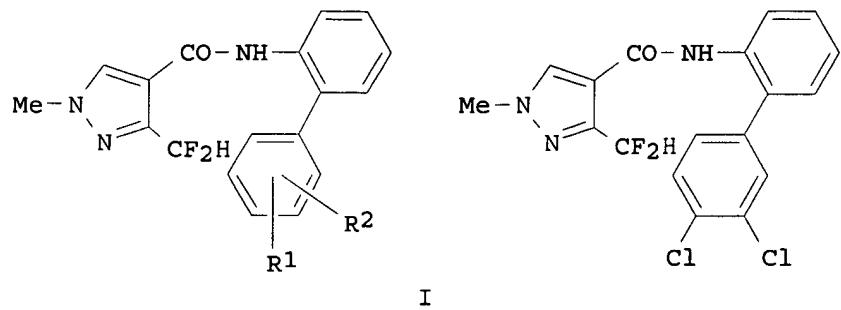
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005123690	A1	20051229	WO 2005-EP6479	20050616
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: DE 2004-102004029469A 20040618

OTHER SOURCE(S): MARPAT 144:88282

GI



AB Title compds. I [R1, R2 = halo, alkyl, haloalkyl, etc.] were prepared For example, condensation of ortho-(3,4-dichlorophenyl)aniline and 1-methyl-3-difluoromethylpyrazole-4-carbonyl chloride afforded pyrazole II. In protection assays against brown wheat rust caused by puccinia recondita, compds. I provided 65-70% protection after 7-days.

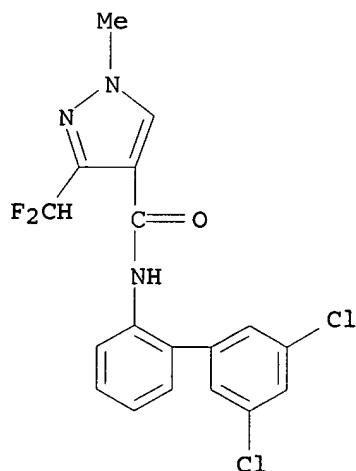
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 872121-97-6P 872121-98-7P 872121-99-8P
 872122-00-4P 872122-01-5P 872122-02-6P
 872122-03-7P 872122-04-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of methyldifluoromethylpyrazolecarboxylic acid anilides as agrochem. fungicides)

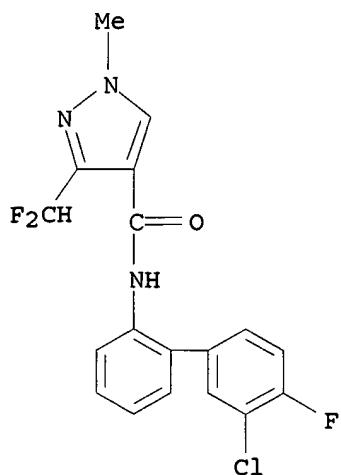
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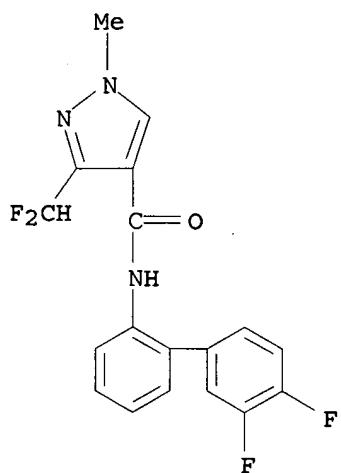
RN 872121-92-1 CAPLUS

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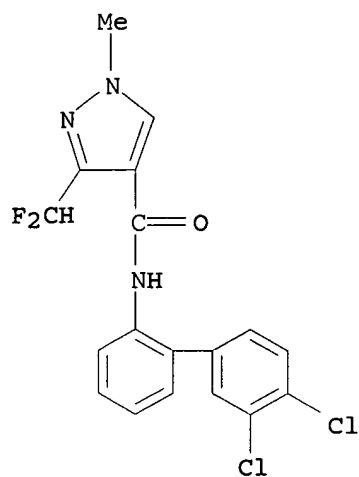
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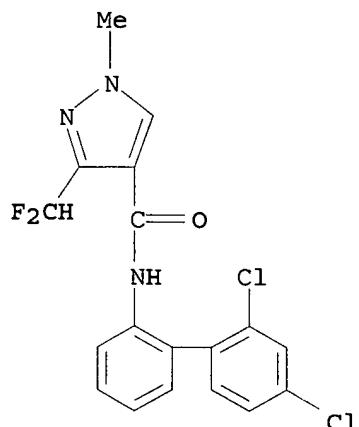
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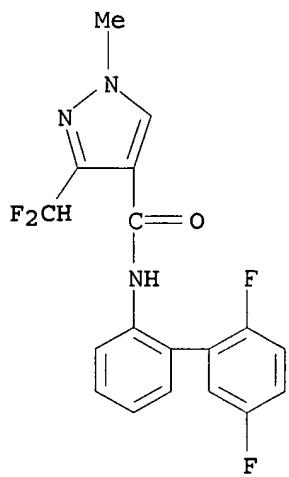
RN 872121-95-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-dichloro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



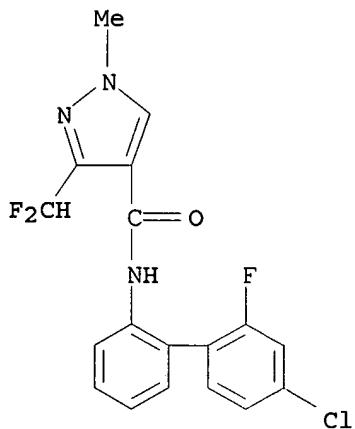
RN 872121-96-5 CAPLUS

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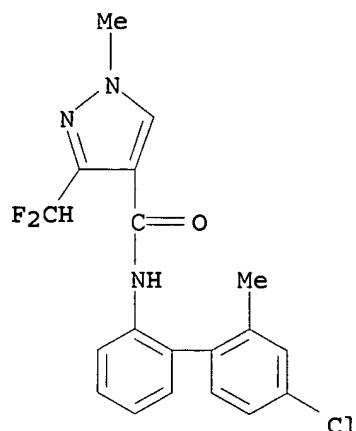
RN 872121-97-6 CAPLUS

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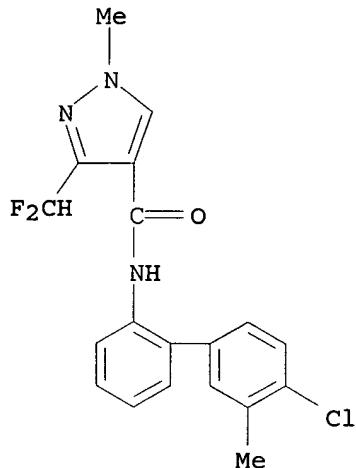
RN 872121-98-7 CAPLUS

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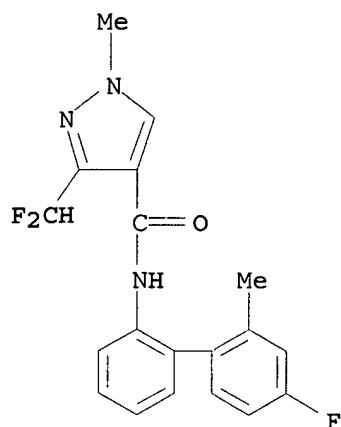
RN 872121-99-8 CAPLUS

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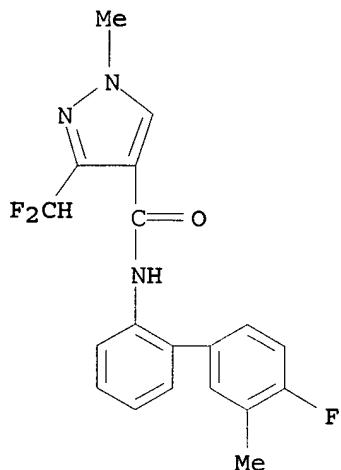
RN 872122-00-4 CAPLUS

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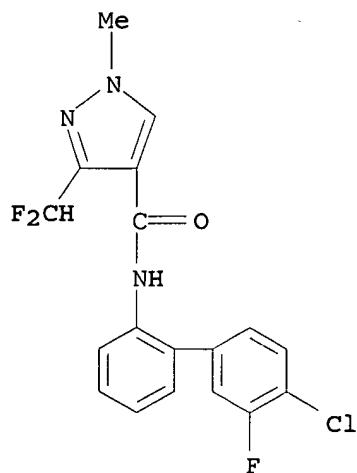
RN 872122-01-5 CAPLUS

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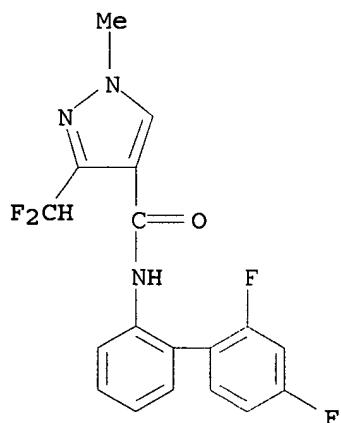
RN 872122-02-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



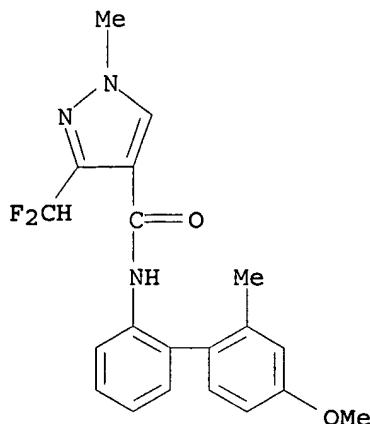
RN 872122-03-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-difluorobiphenyl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 872122-04-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-methoxy-2'-methylbiphenyl)-1-methyl- (9CI) (CA INDEX NAME)

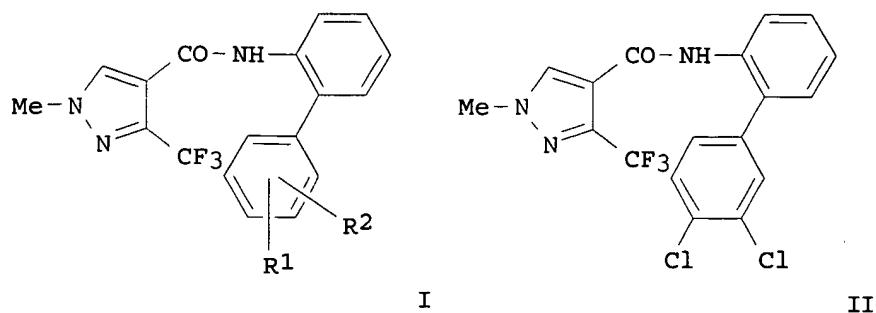


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1350318 CAPLUS
 DOCUMENT NUMBER: 144:88280
 TITLE: Preparation of 1-methyl-3-trifluoromethylpyrazole-4-carboxylic acid anilides as agrochemical fungicides
 GEWEHR, Markus; MUELLER, Bernd; GROTE, Thomas;
 GRAMMENOS, Wassilios; SCHWOEGLER, Anja; RHEINHEIMER,
 JOACHIM; BLETTNER, Carsten; SCHAEFER, Peter;
 SCHIEWECK, Frank; WAGNER, Oliver; WERNER, Frank;
 RETHER, Jan; STRATHMANN, Siegfried; STIERL, Reinhard;
 SCHERER, Maria
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005123689	A1	20051229	WO 2005-EP6278	20050611
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: DE 2004-102004029468A 20040618
 OTHER SOURCE(S): MARPAT 144:88280
 GI



AB Title compds. I [R1, R2 = halo, alkyl, haloalkyl, etc.] were prepared For example, condensation of ortho-(3,4-dichlorophenyl)aniline and 1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride afforded pyrazole II. In protection assays against brown wheat rust caused by puccinia recondita, compds. I provided 65-70% protection after 7-days.

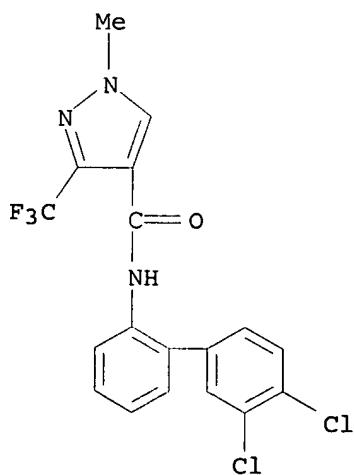
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 872121-77-2P 872121-78-3P 872121-79-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of methyltrifluoromethylpyrazolecarboxylic acid anilides as agrochem. fungicides)

RN 872121-53-4 CAPLUS

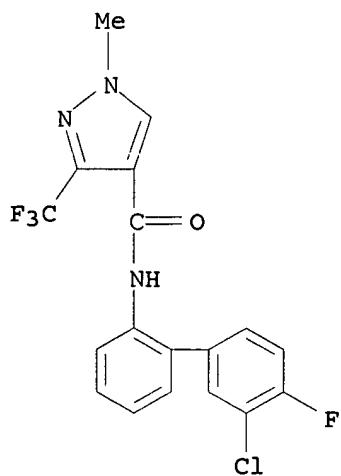
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872121-54-5 CAPLUS

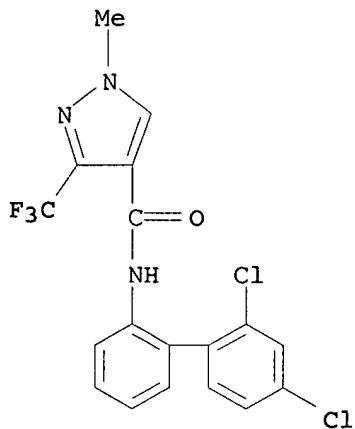
CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-fluoro[1,1'-biphenyl]-2-yl)-1-

methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



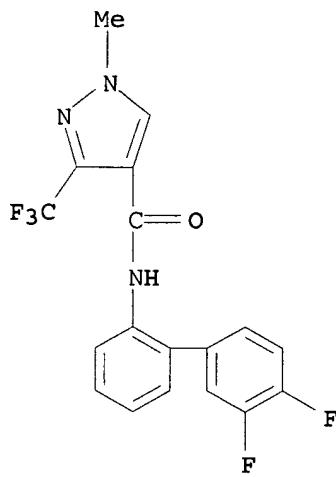
RN 872121-55-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



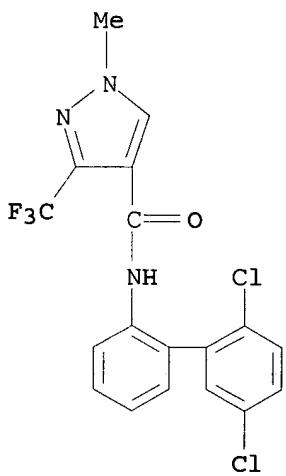
RN 872121-56-7 CAPLUS

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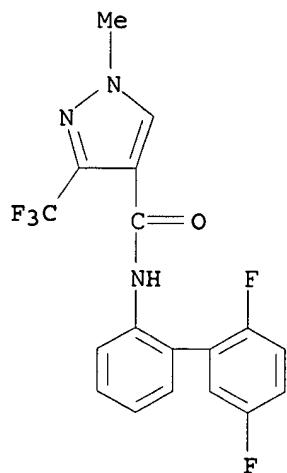
RN 872121-57-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',5'-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



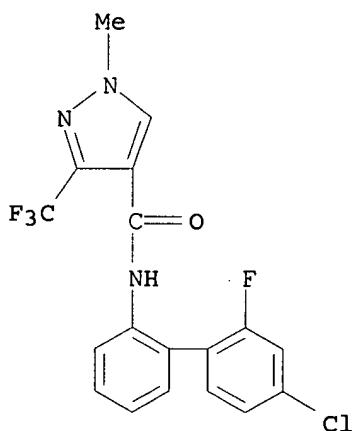
RN 872121-58-9 CAPLUS

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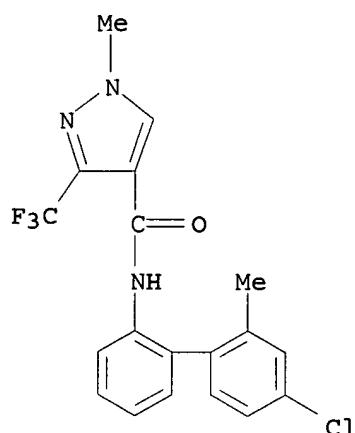
RN 872121-59-0 CAPLUS

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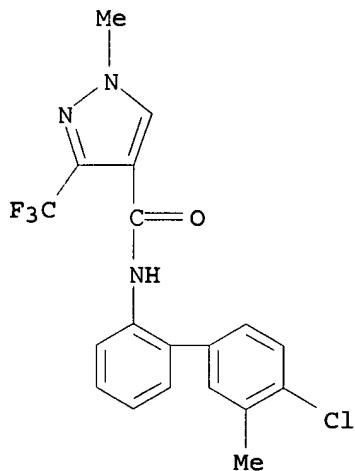
RN 872121-60-3 CAPLUS

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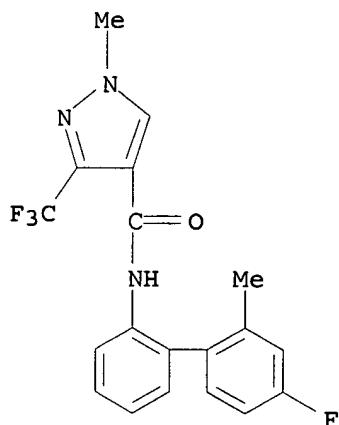
RN 872121-61-4 CAPLUS

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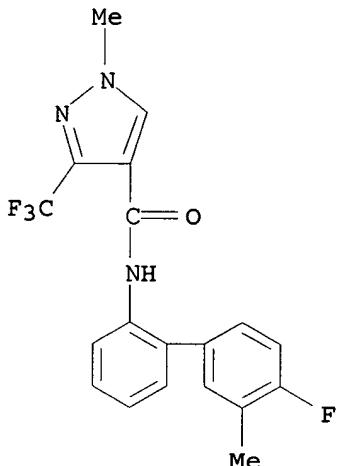
RN 872121-63-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro-2'-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



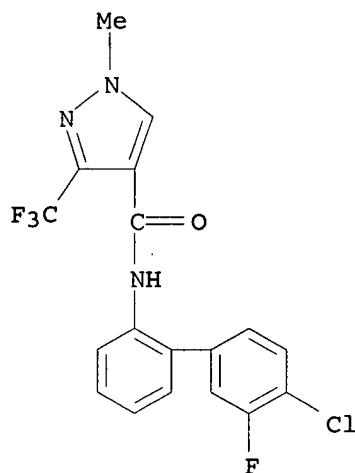
RN 872121-65-8 CAPLUS

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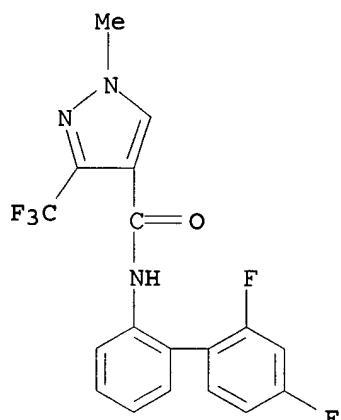
RN 872121-67-0 CAPLUS

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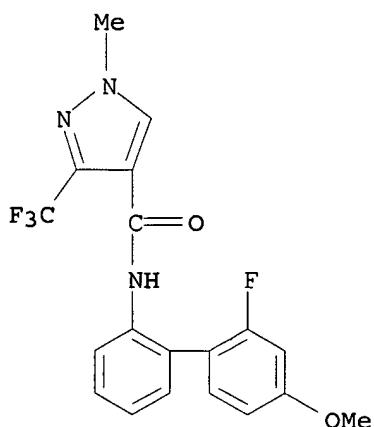
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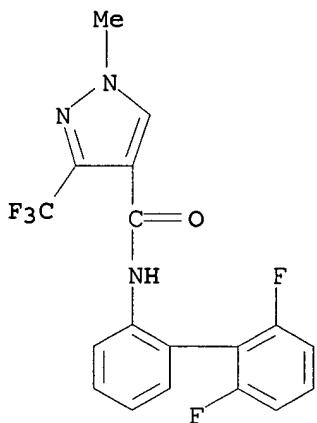
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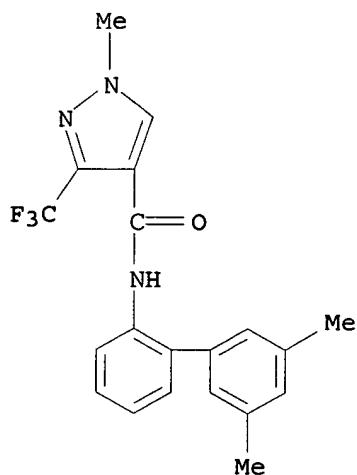
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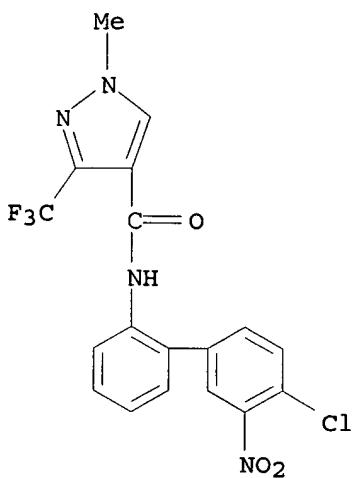
RN 872121-71-6 CAPLUS

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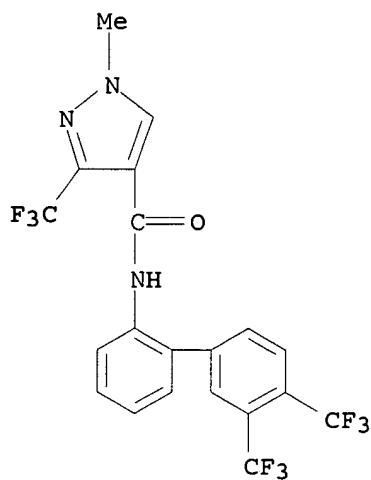
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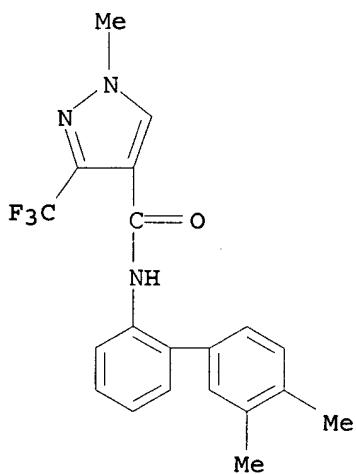
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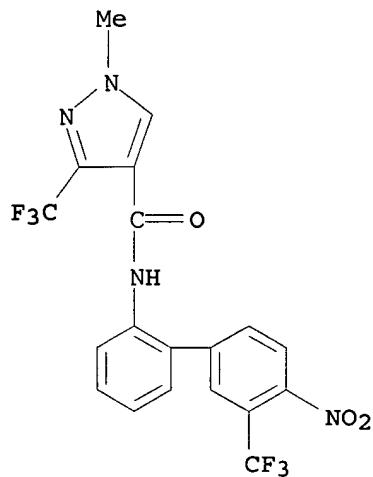
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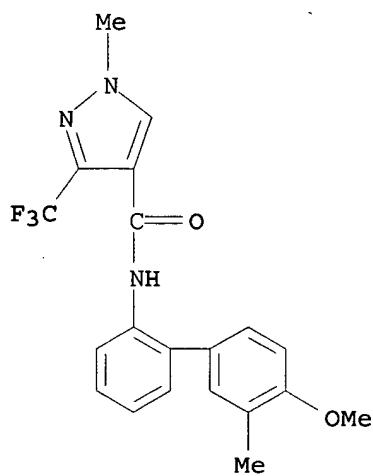
RN 872121-75-0 CAPLUS

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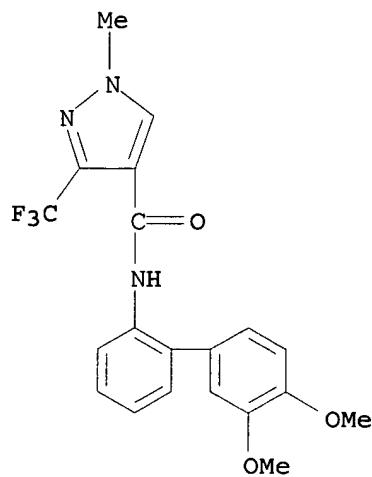
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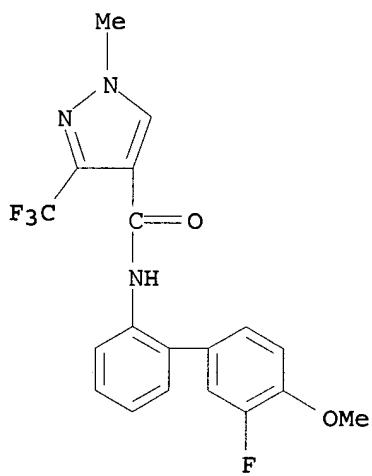
RN 872121-77-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dimethoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



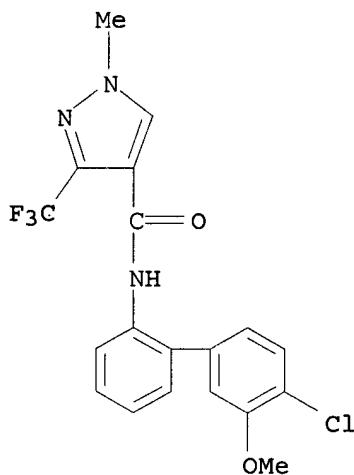
RN 872121-78-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-fluoro-4'-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 872121-79-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

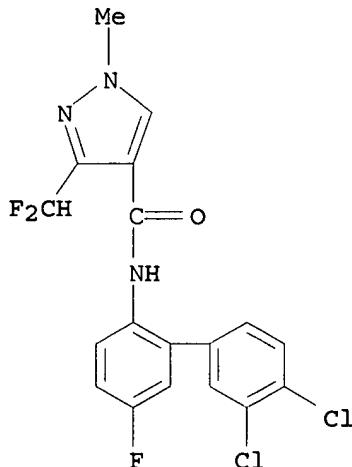
L4 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1195702 CAPLUS
 DOCUMENT NUMBER: 143:434156
 TITLE: Use of alkylcarboxylic acid amides as penetration promoters of pesticides into plants
 INVENTOR(S): Roechling, Andreas; Reizlein, Karl; Baur, Peter
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005104844	A1	20051110	WO 2005-EP4342	20050422
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004020840	A1	20051124	DE 2004-102004020840	20040427
PRIORITY APPLN. INFO.:			DE 2004-102004020840A	20040427
OTHER SOURCE(S):	MARPAT 143:434156			
AB	The alkyl carboxylic acid amides R1CONR2R3 (R1 = C3-19 alkyl; R2 = C1-6 alkyl; R3 = H or R2) promote the penetration of pesticides into plants. Decanoic acid dimethylamide is an example.			
IT	581809-46-3			
RL:	AGR (Agricultural use); BIOL (Biological study); USES (Uses)			

(alkylcarboxylic acid amide penetration promoters for pesticides into plants)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:902854 CAPLUS

DOCUMENT NUMBER: 143:207622

TITLE: Synergistic fungicidal composition comprising a pyridylethylbenzamide derivative and a compound capable of inhibiting the transport of electrons of the respiratory chain in phytopathogenic fungal organisms

INVENTOR(S): Gouot, Jean-Marie; Grosjean-Cournoyer, Marie-Claire

PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

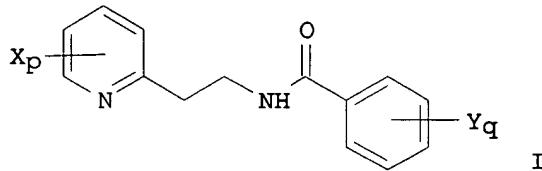
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005077901	A1	20050825	WO 2005-EP2563	20050210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

EP 1571143	A1	20050907	EP 2004-356019	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
AU 2005212839	A1	20050825	AU 2005-212839	20050210
CA 2551145	AA	20050825	CA 2005-2551145	20050210
PRIORITY APPLN. INFO.:				
			EP 2004-356019	A 20040212
			EP 2004-356096	A 20040611
			US 2004-637120P	P 20041217
			WO 2005-EP2563	W 20050210

OTHER SOURCE(S) : MARPAT 143:207622

GI



AB A synergistic fungicidal composition comprises a pyridylethylbenzamide derivative

I (X = halo, alkyl or haloalkyl; Y = X, alkenyl, alkynyl, alkoxy, amino, phenoxy, etc.; p = 1-4; q = 1-5) and a compound capable of inhibiting the transport of electrons of the respiratory chain in phytopathogenic fungi. Optionally, the composition further comprises an addnl. fungicide.

IT 862468-35-7

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)

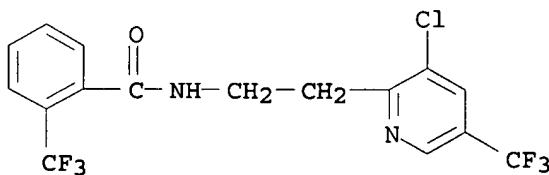
RN 862468-35-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)benzamide (9CI)
(CA INDEX NAME)

CM 1

CRN 658066-35-4

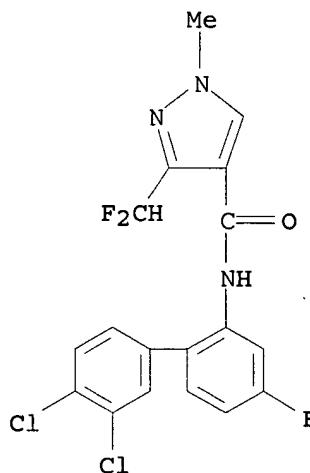
CMF C16 H11 Cl F6 N2 O



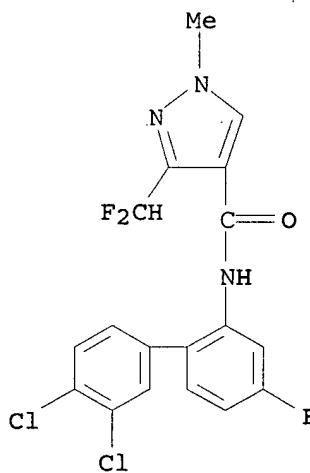
CM 2

CRN 581809-44-1

CMF C18 H12 Cl2 F3 N3 O



IT 581809-44-1D, mixts. with pyridylethylbenzamide derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
RN 581809-44-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluoro[1,1'-biphenyl]-2-yl)-
3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

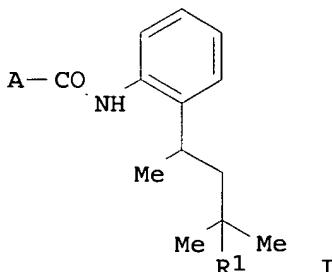
L4 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:405320 CAPLUS
DOCUMENT NUMBER: 142:425351
TITLE: Synergistic fungicidal combinations comprising a carboxamide derivative
INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze, Anne
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 126 pp.

CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

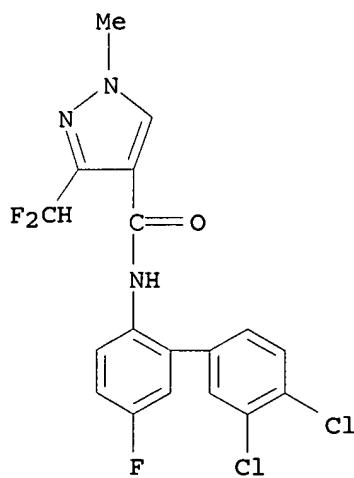
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041653	A2	20050512	WO 2004-EP11403	20041012
WO 2005041653	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10349501	A1	20050525	DE 2003-10349501	20031023
AU 2004285267	A1	20050512	AU 2004-285267	20041012
CA 2543053	AA	20050512	CA 2004-2543053	20041012
EP 1677598	A2	20060712	EP 2004-790298	20041012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRIORITY APPLN. INFO.:			DE 2003-10349501	A 20031023
			WO 2004-EP11403	W 20041012

OTHER SOURCE(S) : MARPAT 142:425351

GI



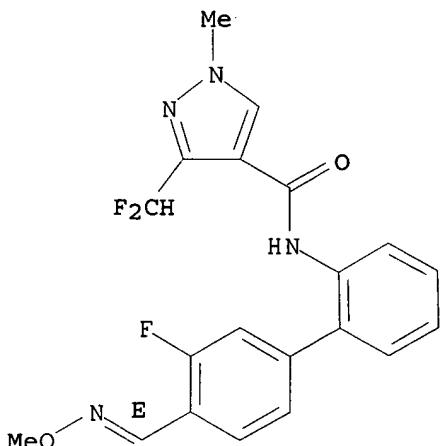
- AB Synergistic fungicidal combinations comprise a carboxamide derivative I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.
- IT 581809-46-3D, mixture with carboxamide derivative 851018-45-6D, mixture with carboxamide derivative 851018-46-7D, mixture with carboxamide derivative 851018-47-8D, mixture with carboxamide derivative 851018-99-0
- RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
- RN 581809-46-3 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 851018-45-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)

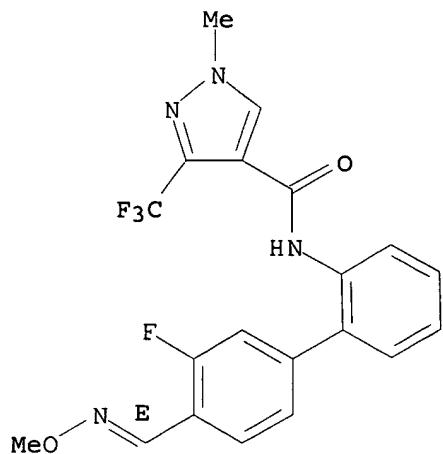
Double bond geometry as shown.



RN 851018-46-7 CAPLUS

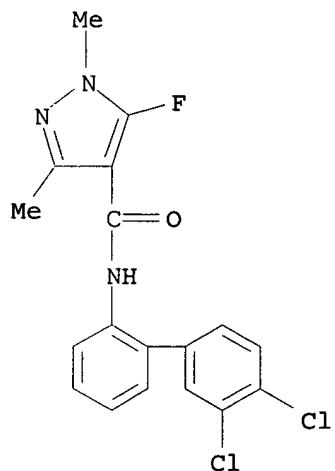
CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(E)-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 851018-47-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



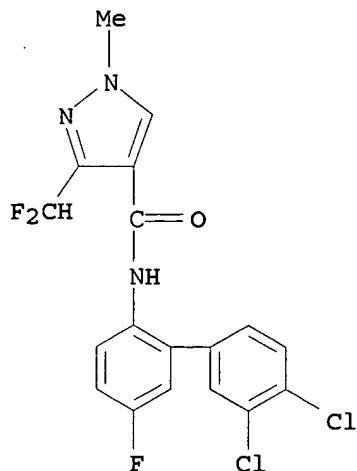
RN 851018-99-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

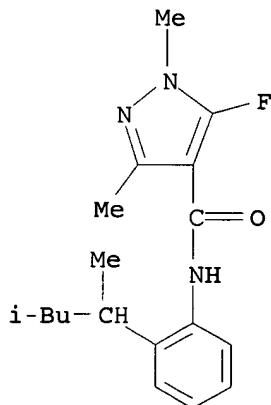
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



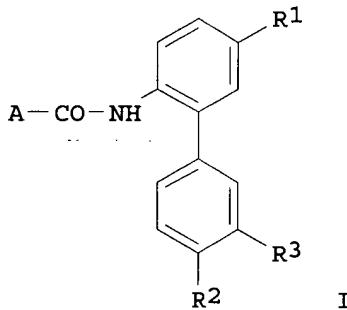
CM 2

CRN 494793-67-8
CMF C18 H24 F N3 O



L4 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:346774 CAPLUS
DOCUMENT NUMBER: 142:387616
TITLE: Synergistic fungicidal combinations comprising
carboxamide derivatives
INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel,
Ralf; Elbe, Hans-Ludwig; Suty-Heinze, Anne; Rieck,
Heiko
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 141 pp.
CODEN: PIIXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034628	A1	20050421	WO 2004-EP10830	20040928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10347090	A1	20050504	DE 2003-10347090	20031010
AU 2004279674	A1	20050421	AU 2004-279674	20040928
CA 2541646	AA	20050421	CA 2004-2541646	20040928
EP 1675461	A1	20060705	EP 2004-765648	20040928
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			DE 2003-10347090	A 20031010
			WO 2004-EP10830	W 20040928
OTHER SOURCE(S):	MARPAT 142:387616			
GI				



AB Synergistic fungicidal mixts. comprise a carboxamide derivative I [R1= H or F; R2 = halo, (halo)alkyl or (halo)alkoxy; , R3 = H, halo or (halo)alkyl; A = (un)substituted Ph, imidazolyl, thiazolyl, etc.] and any of 22 groups of known fungicides.

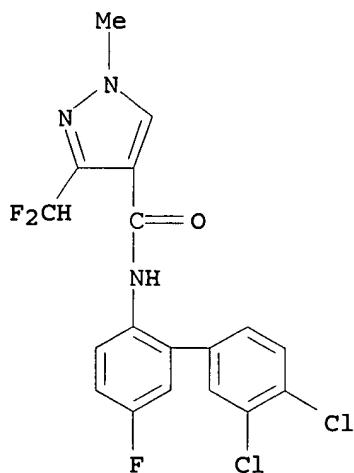
IT 581809-46-3D, mixts. with fungicides 849674-14-2

849674-16-4 849674-17-5 849674-20-0
 849674-22-2 849674-24-4 849674-26-6
 849674-29-9 849674-31-3 849674-44-8
 849674-45-9 849674-48-2 849674-51-7
 849674-54-0 849674-56-2 849674-57-3
 849674-58-4 849674-59-5 849674-60-8
 849674-61-9 849674-63-1 849674-65-3
 849674-67-5 849674-71-1 849674-72-2
 849674-73-3 849674-74-4 849674-75-5
 849674-76-6 849674-77-7 849674-78-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal combination)

RN 581809-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



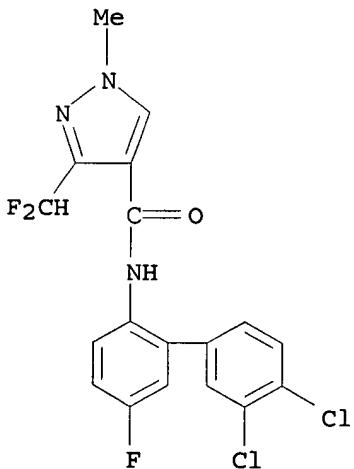
RN 849674-14-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with (1E)-[2-[[6-(2-chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl](5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyloxime (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

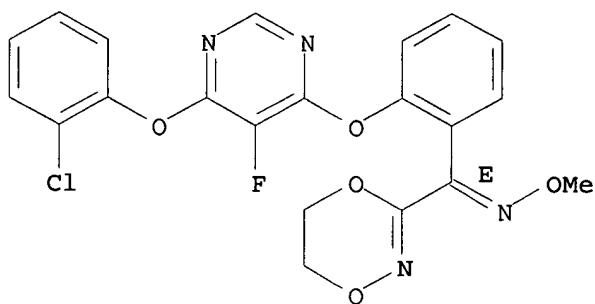


CM 2

CRN 361377-29-9

CMF C21 H16 Cl F N4 O5

Double bond geometry as shown.



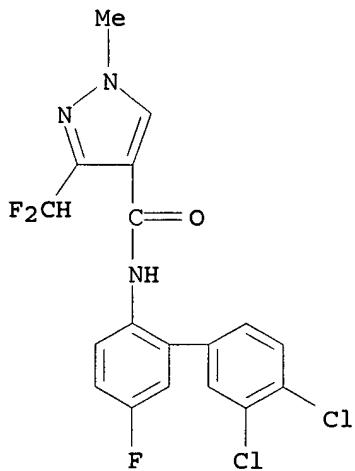
RN 849674-16-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with α -[2-(4-chlorophenyl)ethyl]- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

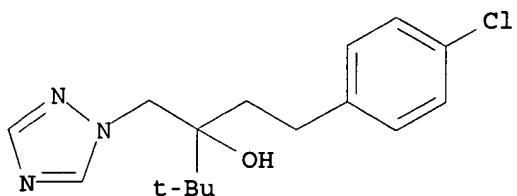
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 107534-96-3

CMF C16 H22 Cl N3 O



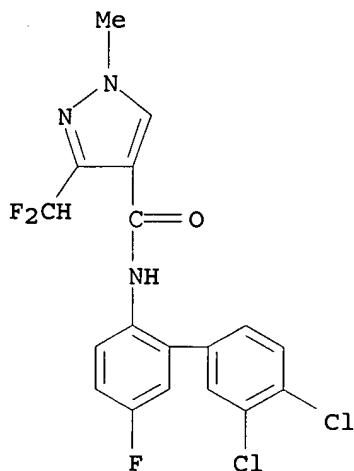
RN 849674-17-5 CAPLUS

CN Benzeneacetic acid, α -(methoxyimino)-2-[[[(E)-[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (α E)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

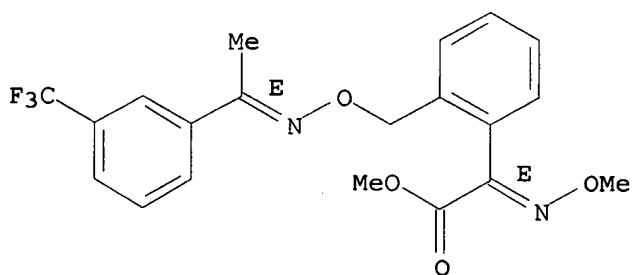


CM 2

CRN 141517-21-7

CMF C20 H19 F3 N2 O4

Double bond geometry as shown.



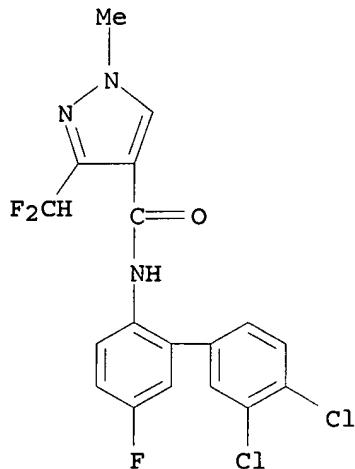
RN 849674-20-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

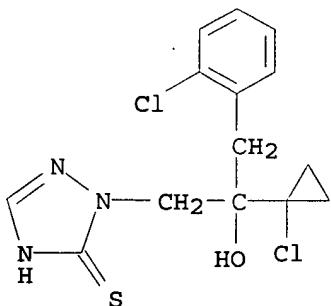
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 178928-70-6

CMF C14 H15 Cl2 N3 O S



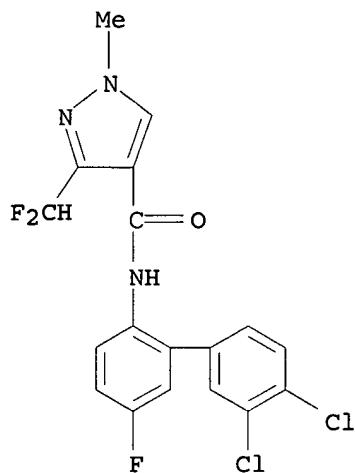
RN 849674-22-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine (9CI) (CA INDEX NAME)

CM 1

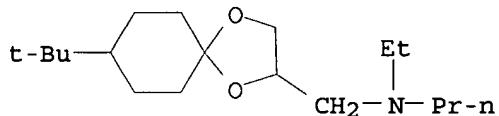
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



CM 2

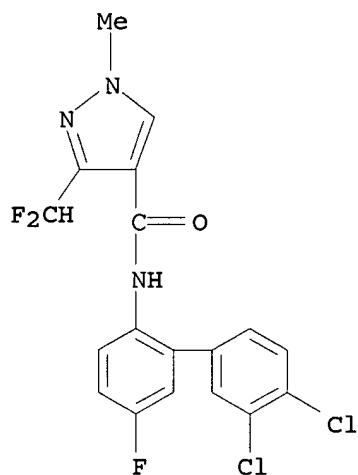
CRN 118134-30-8
CMF C18 H35 N O2



RN 849674-24-4 CAPLUS
CN Benzeneacetic acid, α -(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]-, methyl ester, (α E)-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

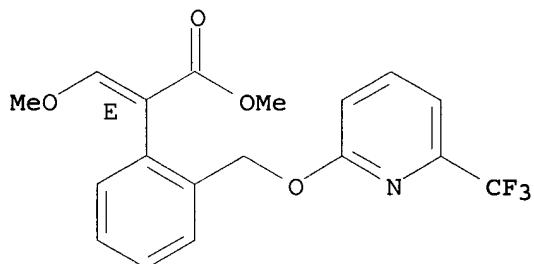
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 117428-22-5
CMF C18 H16 F3 N O4

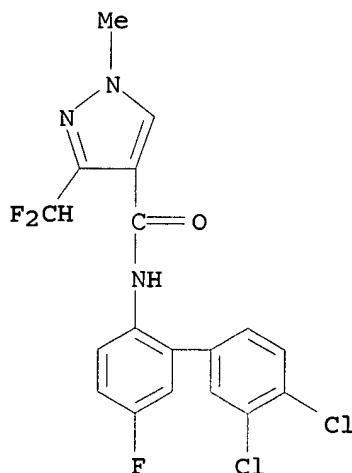
Double bond geometry as shown.



RN 849674-26-6 CAPLUS
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

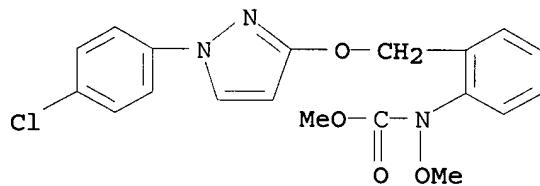
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

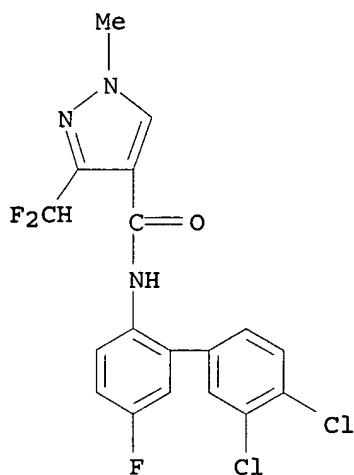
CRN 175013-18-0
CMF C19 H18 Cl N3 O4



RN 849674-29-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluorobiphenyl)-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with rel-1-[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl-1H-1,2,4-triazole (9CI)
(CA INDEX NAME)

CM 1

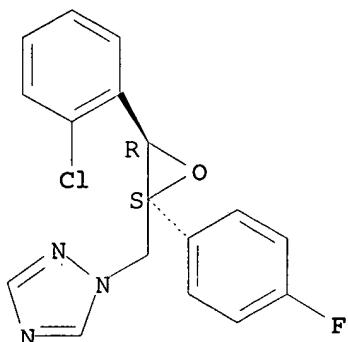
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 133855-98-8
CMF C17 H13 Cl F N3 O

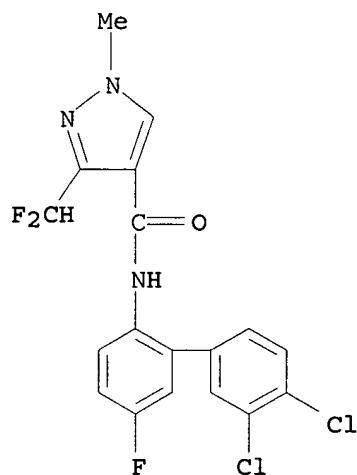
Relative stereochemistry.



RN 849674-31-3 CAPLUS
CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- α -
(methoxymethylene)-, methyl ester, (α E)-, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

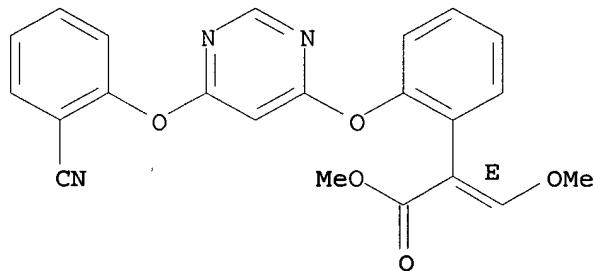
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 131860-33-8
CMF C22 H17 N3 O5

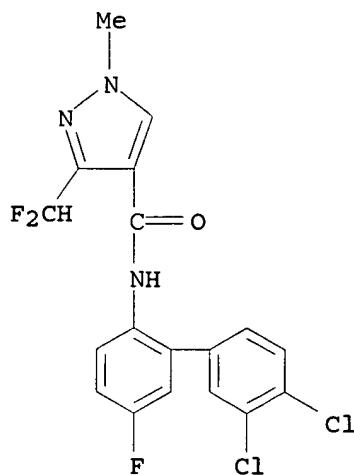
Double bond geometry as shown.



RN 849674-44-8 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with β -([1,1'-biphenyl]-4-yloxy)- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

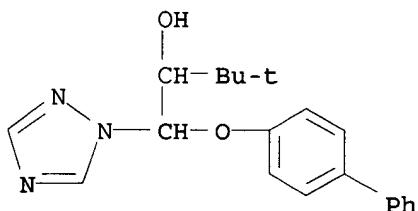
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

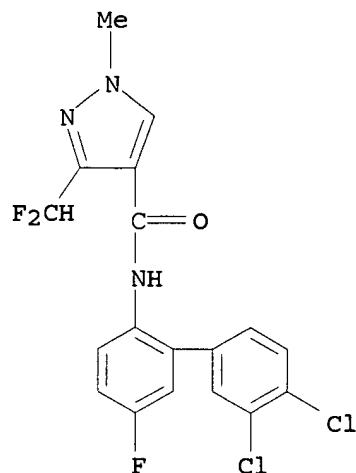
CRN 55179-31-2
CMF C20 H23 N3 O2



RN 849674-45-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 1,1-dichloro-N-[(dimethylamino)sulfonyl]-1-fluoro-N-(4-methylphenyl)methanesulfenamide (9CI) (CA INDEX NAME)

CM 1

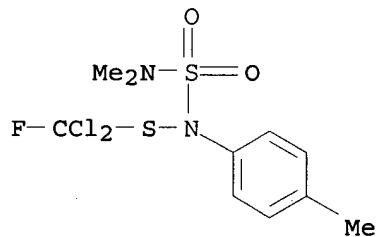
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 731-27-1

CMF C10 H13 Cl2 F N2 O2 S2



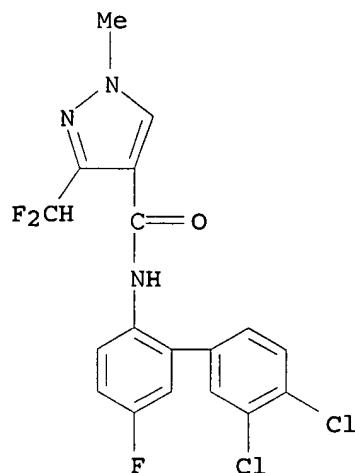
RN 849674-48-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

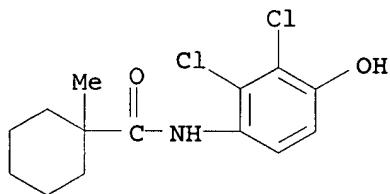
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 126833-17-8

CMF C14 H17 Cl2 N O2



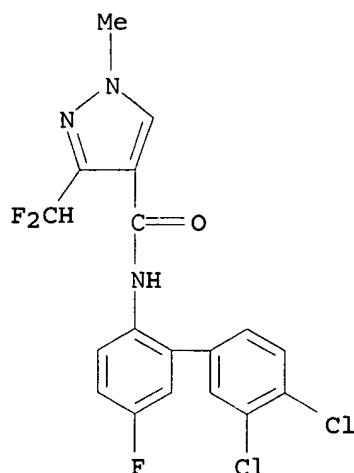
RN 849674-51-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

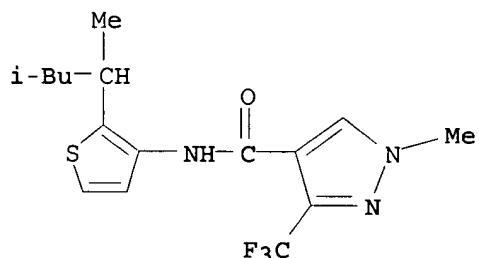
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 183675-82-3

CMF C16 H20 F3 N3 O S



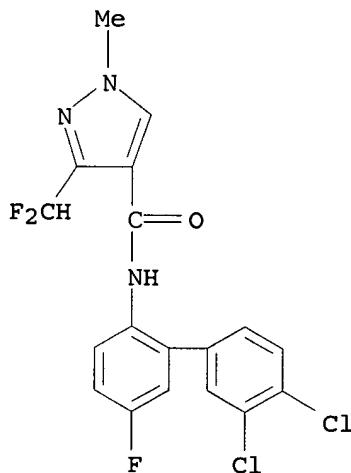
RN 849674-54-0 CAPLUS

CN Manganese, [2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-) -
κS,κS']-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-
2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide and
[[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-) -
κS,κS']zinc (9CI) (CA INDEX NAME)

CM 1

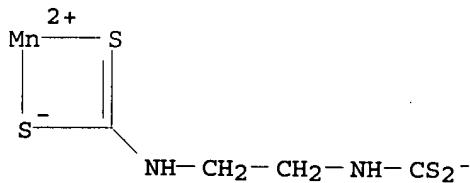
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



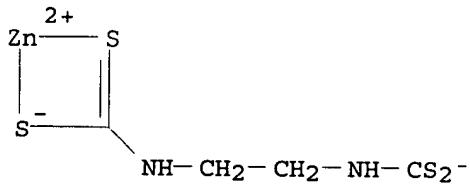
CM 2

CRN 12427-38-2
CMF C4 H6 Mn N2 S4
CCI CCS



CM 3

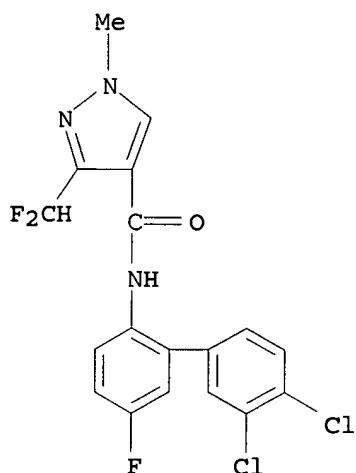
CRN 12122-67-7
CMF C4 H6 N2 S4 Zn
CCI CCS



RN 849674-56-2 CAPLUS
CN Zinc, [2-[(dithiocarboxy)amino]-1-methylethyl]carbamodithioato(2-) -
 $\kappa\text{S}, \kappa\text{S}'],$ mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-
2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA
INDEX NAME)

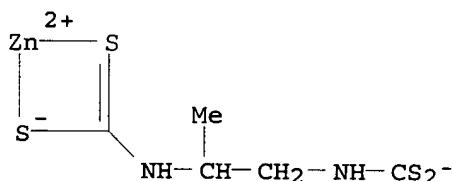
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 12071-83-9
CMF C5 H8 N2 S4 Zn
CCI CCS

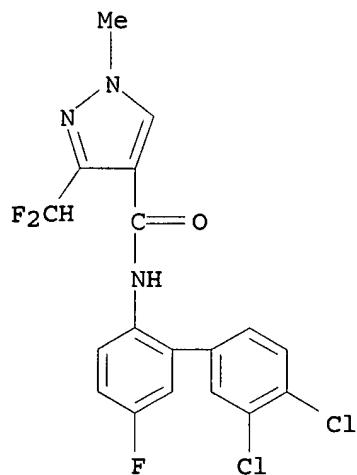


RN 849674-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 4,6-dimethyl-N-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME)

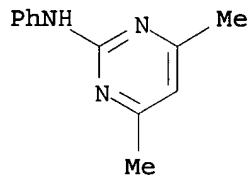
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 53112-28-0
CMF C12 H13 N3

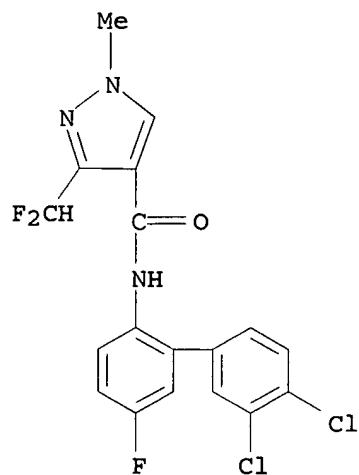


RN 849674-58-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide (9CI) (CA INDEX NAME)

CM 1

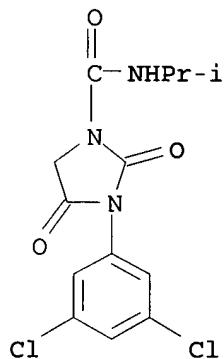
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 36734-19-7

CMF C13 H13 Cl2 N3 O3



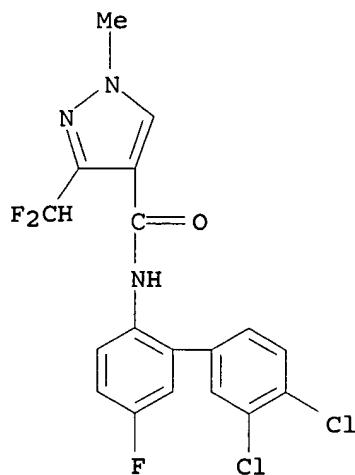
RN 849674-59-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile (9CI) (CA INDEX NAME)

CM 1

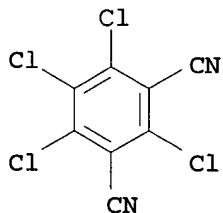
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



CM 2

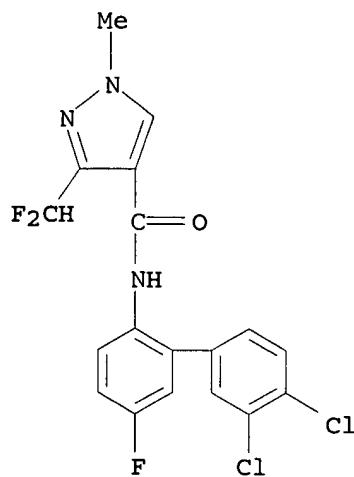
CRN 1897-45-6
CMF C8 Cl4 N2



RN 849674-60-8 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

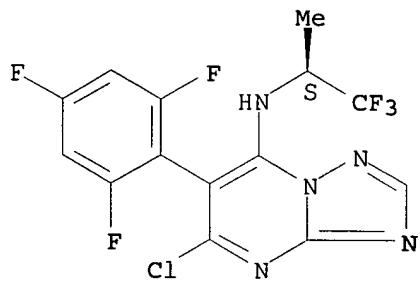
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 249648-16-6
CMF C14 H8 Cl F6 N5

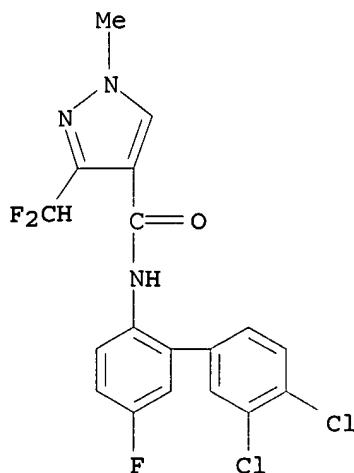
Absolute stereochemistry.



RN 849674-61-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

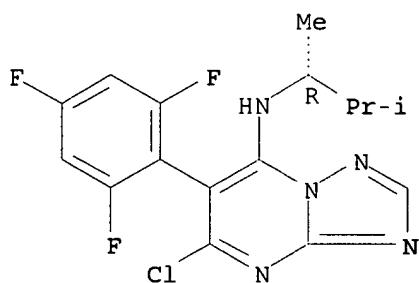
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 424824-17-9
CMF C16 H15 Cl F3 N5

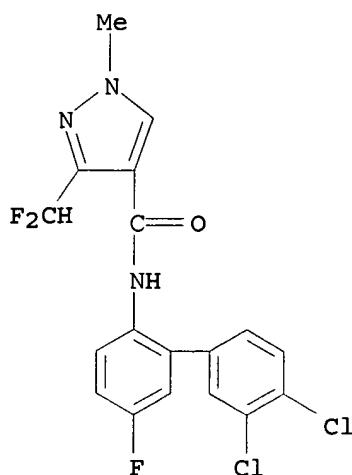
Absolute stereochemistry.



RN 849674-63-1 CAPLUS
CN Carbamic acid, [(1S)-1-[[[(1R)-1-(6-fluoro-2-benzothiazolyl)ethyl]amino]carbonyl]-2-methylpropyl]-, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

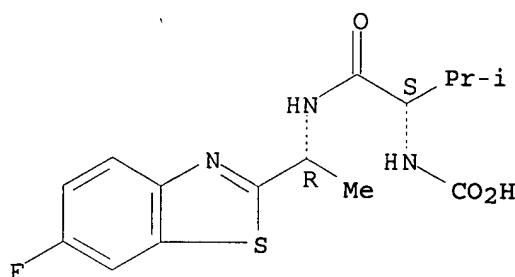
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 413615-35-7
CMF C15 H18 F N3 O3 S

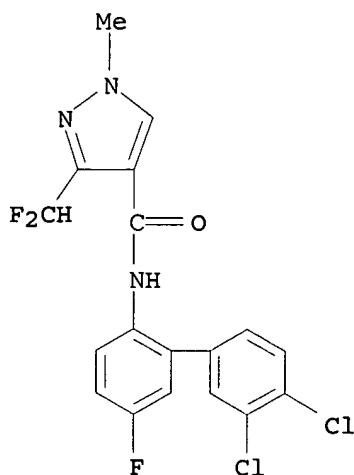
Absolute stereochemistry.



RN 849674-65-3 CAPLUS
CN D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt.
with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

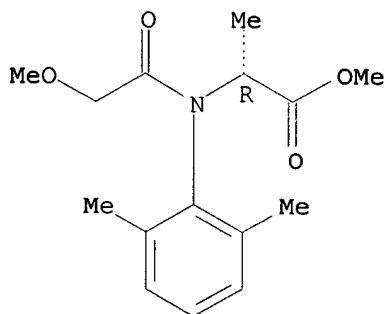
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 70630-17-0
CMF C15 H21 N O4

Absolute stereochemistry. Rotation (-).

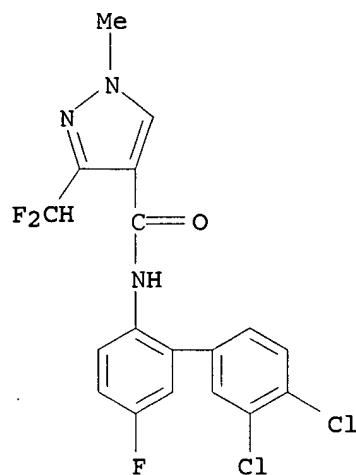


RN 849674-67-5 CAPLUS

CN D-Alanine, N-(2,6-dimethylphenyl)-N-(phenylacetyl)-, methyl ester, mixt.
with N-(3',4'-dichloro-5-fluorobiphenyl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

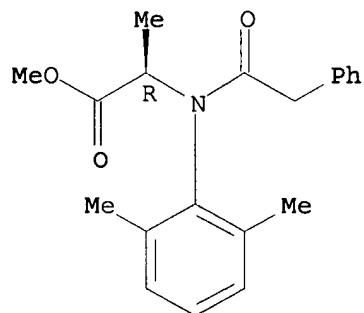
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 98243-83-5
CMF C20 H23 N O3

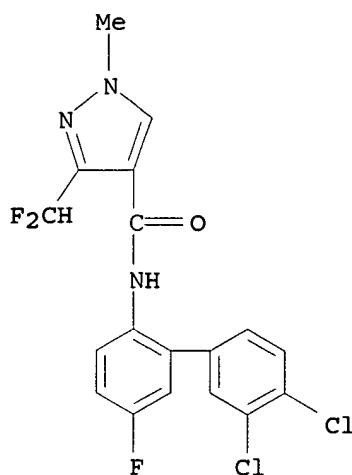
Absolute stereochemistry.



RN 849674-71-1 CAPLUS
CN Carbamic acid, [(1S)-2-methyl-1-[[[1-(4-methylphenyl)ethyl]amino]carbonyl]propyl]-, 1-methylethyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

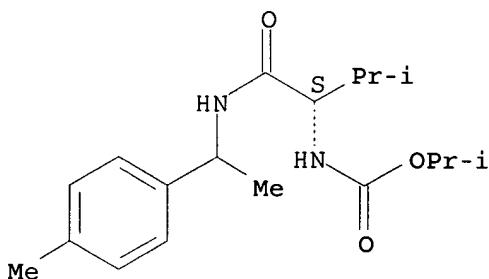
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 140923-17-7
CMF C18 H28 N2 O3

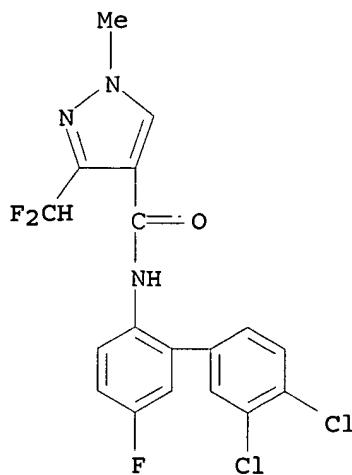
Absolute stereochemistry.



RN 849674-72-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with (5S)-3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-4H-imidazol-4-one (9CI) (CA INDEX NAME)

CM 1

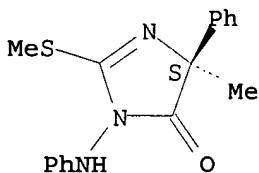
CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 161326-34-7
CMF C17 H17 N3 O S

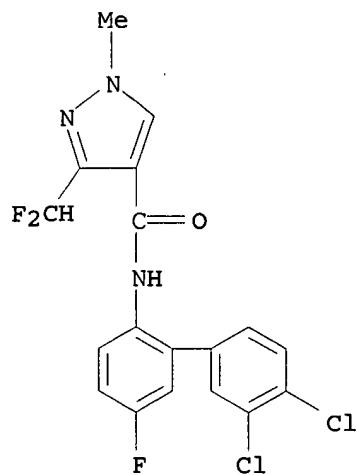
Absolute stereochemistry. Rotation (+).



RN 849674-73-3 CAPLUS
CN Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

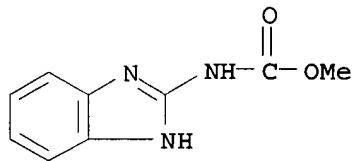
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

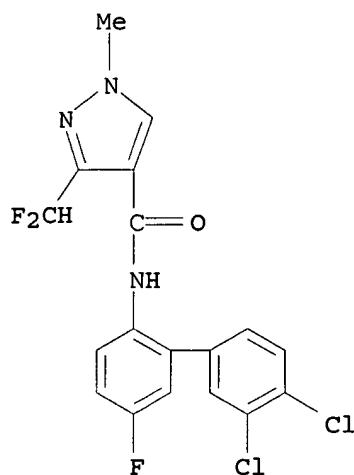
CRN 10605-21-7
CMF C9 H9 N3 O2



RN 849674-74-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with N-[(4-chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea (9CI) (CA INDEX NAME)

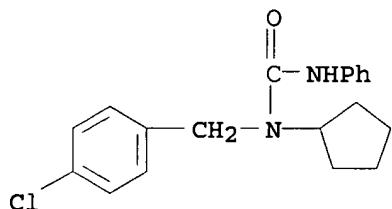
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

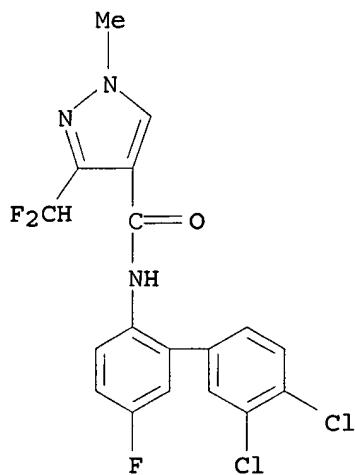
CRN 66063-05-6
CMF C19 H21 Cl N2 O



RN 849674-75-5 CAPLUS
CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

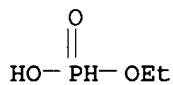
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 39148-24-8
CMF C2 H7 O3 P . 1/3 Al

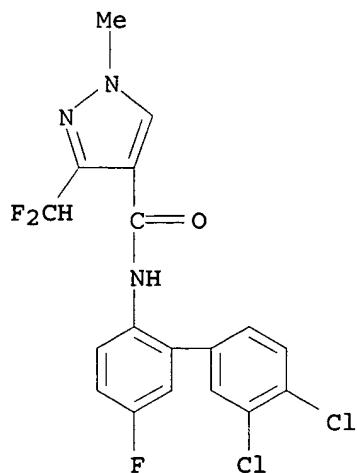


●1/3 Al

RN 849674-76-6 CAPLUS
CN Carbamic acid, [3-(dimethylamino)propyl]-, propyl ester, mixt. with
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-
methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

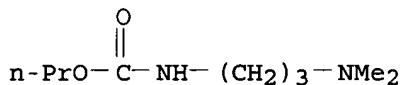
CM 1

CRN 581809-46-3
CMF C18 H12 Cl2 F3 N3 O



CM 2

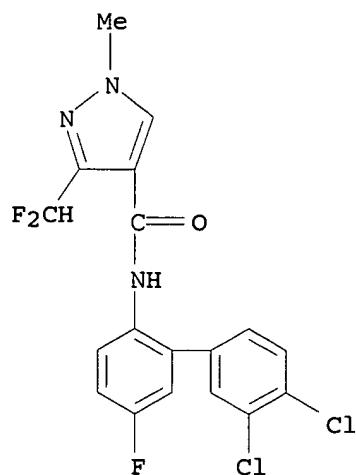
CRN 24579-73-5
CMF C9 H20 N2 O2



RN 849674-77-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with 7-chloro-3-(1H-imidazol-1-yl)-1,2,4-benzotriazine 1-oxide (9CI) (CA INDEX NAME)

CM 1

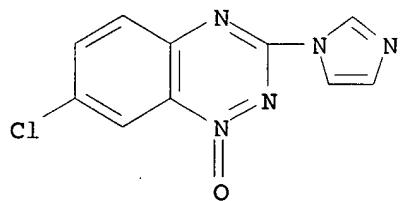
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CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 72459-58-6

CMF C10 H6 Cl N5 O



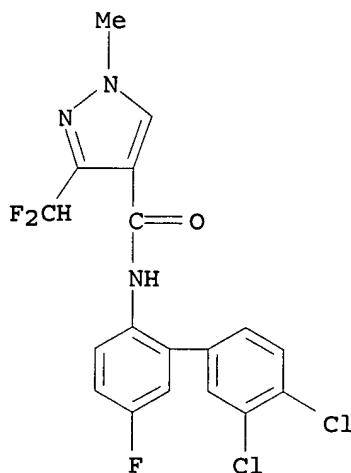
RN 849674-78-8 CAPLUS

CN 3-Pyridinecarboxamide, 2-chloro-N-(4'-chlorobiphenyl-2-yl)-, mixt.
with N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

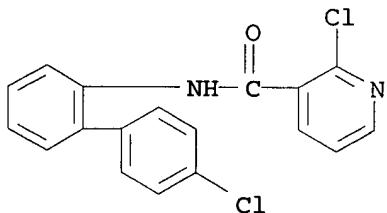
CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O



CM 2

CRN 188425-85-6
 CMF C18 H12 Cl2 N2 O



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:283496 CAPLUS
 DOCUMENT NUMBER: 142:336464
 TITLE: Preparation of heterocyclic substituted silicon compounds with microbiocidal activity
 INVENTOR(S): Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans; Walter, Harald
 PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005028485	A1	20050331	WO 2004-EP10009	20040908
WO 2005028485	C1	20050609		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

AU 2004274153 A1 20050331 AU 2004-274153 20040908

CA 2534867 AA 20050331 CA 2004-2534867 20040908

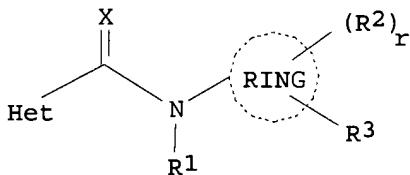
EP 1664065 A1 20060607 EP 2004-764952 20040908

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

PRIORITY APPLN. INFO.: GB 2003-22012 A 20030919
 WO 2004-EP10009 W 20040908

OTHER SOURCE(S): MARPAT 142:336464

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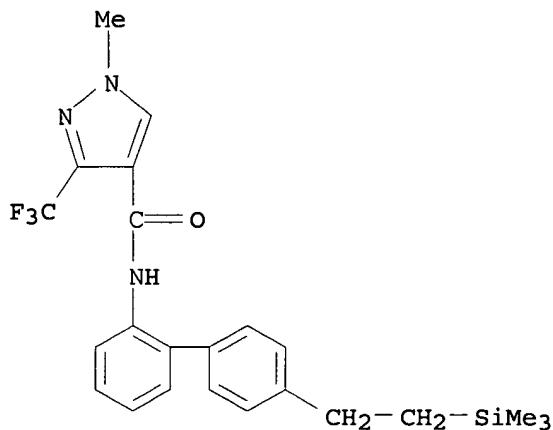
AB Preparation of fungicidal compds. I (X = O, S; RING = Ph, thieryl; Het = 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from O, N, S, the ring being substituted by one to four groups R4; R1 = H, optionally substituted (C1-4)alkyl, formyl, optionally substituted (C1-4)alkylC(:O), optionally substituted (C1-4)alkylC(:O)O, optionally substituted (C1-4)alkoxy(C1-4)alkyl, optionally substituted allyl, optionally substituted propargyl or optionally substituted allenyl; R2 = independently, halo, optionally substituted (C1-4)alkyl, optionally substituted (C1-4)alkoxy or optionally substituted (C1-4)alkoxy(C1-4)alkyl; R3 = (CRaRb)m-Cy-(CRCRd)n-Y; R4 = independently, selected from halo, C1-3 alkyl, C1-3 haloalkyl, C1-3 alkoxy(C1-3)alkyl and cyano; Ra, Rb, Rc, Rd = independently, H, optionally substituted (C1-4)alkyl; Cy is an optionally substituted carbocyclic or heterocyclic 3-7 membered ring which may be saturated, unsatd. or aromatic and which optionally contains a silicon atom as a ring member; (CRaRb)m and (CRCRd)n may be bound either to the same carbon or silicon atom of Cy or to different atoms separated by 1, 2 or 3 ring members; Y = silyloxy etc.), useful as fungicides in agriculture (activity given), is described. Thus, reaction of N-methyl-3-difluoromethyl-4-chlorocarbonylpyrazole with 1,1-dimethyl-3-(2'-amino)phenylsilacyclohexane (preparation given) gave title compound which was used as fungicides (activity given).

IT 848785-61-5P 848785-72-8P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic substituted silicon compds. with microbiocidal activity)

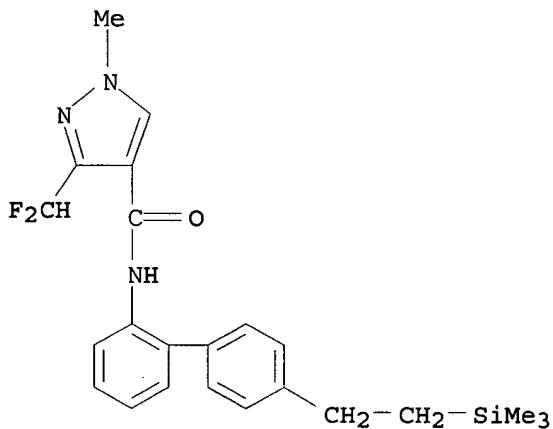
RN 848785-61-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(2-(trimethylsilyl)ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



RN 848785-72-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2-(trimethylsilyl)ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



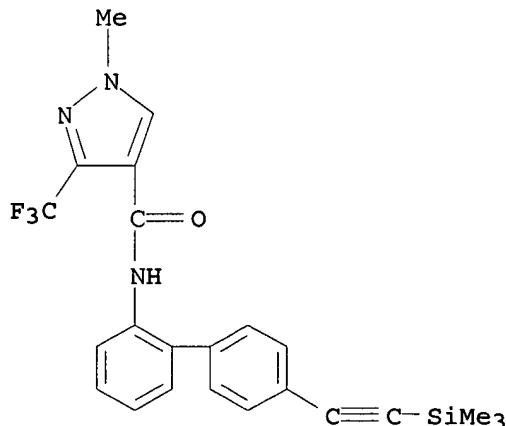
IT 723746-60-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclic substituted silicon compds. with microbiocidal activity)

RN 723746-60-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(2-(trimethylsilyl)ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



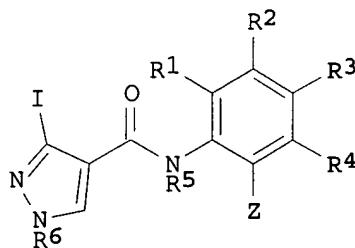
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:1037078 CAPLUS
 DOCUMENT NUMBER: 142:23275
 TITLE: Preparation of iodopyrazolyl carboxanilides as antimicrobials.
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;
 Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen,
 Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 95 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004103975	A1	20041202	WO 2004-EP5066	20040512
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10325439	A1	20041209	DE 2003-10325439	20030605
AU 2004240720	A1	20041202	AU 2004-240720	20040512
CA 2526369	AA	20041202	CA 2004-2526369	20040512
EP 1628962	A1	20060301	EP 2004-732311	20040512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004010494	A	20060613	BR 2004-10494	20040512
CN 1791582	A	20060621	CN 2004-80013715	20040512
PRIORITY APPLN. INFO.:			DE 2003-10322910	A 20030521

DE 2003-10325439 A 20030605
 WO 2004-EP5066 W 20040512

OTHER SOURCE(S) : MARPAT 142:23275
 GI



AB Title compds. [I; R1-R4 = H, F, Cl, Me, Me₂CH, MeS; R5 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, cycloalkyl, haloalkyl, haloalkylthio, haloalkylsulfinyl, haloalkylsulfonyl, haloalkoxyalkyl, halocycloalkyl, etc.; R6 = alkyl, alkoxyalkyl, haloalkyl; Z = (substituted) Ph, alkyl, alkenyl, alkynyl; or R1-R3 = H, F, Cl; ZR4 = atoms to form a 5-6 membered (heterocyclic) ring], were prepared Thus, 3-iodo-1-methyl-1H-pyrazole-4-carboxylic acid (preparation given), 3',4'-dichloro-5-fluorobiphenyl-2-amine, N,N-diisopropylethylamine, and bromotripyrrolidinophosphonium hexafluorophosphate were stirred together for 3 days in CH₂Cl₂ to give 53.5% N-(3',4'-dichloro-5-fluorobiphen-2-yl)-3-iodo-1-methyl-1H-pyrazole-4-carboxamide. Several I at 100 g/ha gave 100% protection against Podosphaera leucotricha on apples.

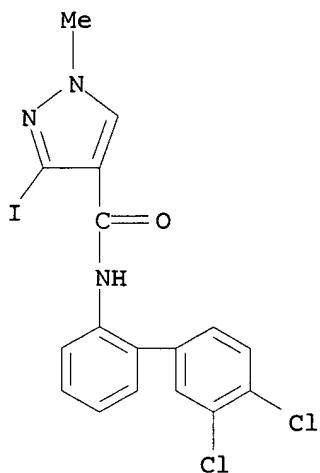
IT
 799835-09-9P 799835-10-2P 799835-12-4P
 799835-13-5P 799835-14-6P 799835-15-7P
 799835-16-8P 799835-17-9P 799835-18-0P
 799835-21-5P 799835-23-7P 799835-24-8P
 799835-29-3P 799835-34-0P 799835-35-1P
 799835-36-2P 799835-37-3P 799835-38-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of iodopyrazolyl carboxanilides as antimicrobials)

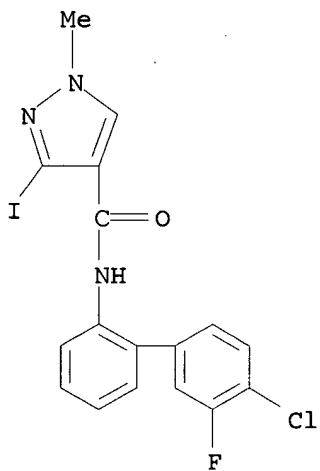
RN 799835-09-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



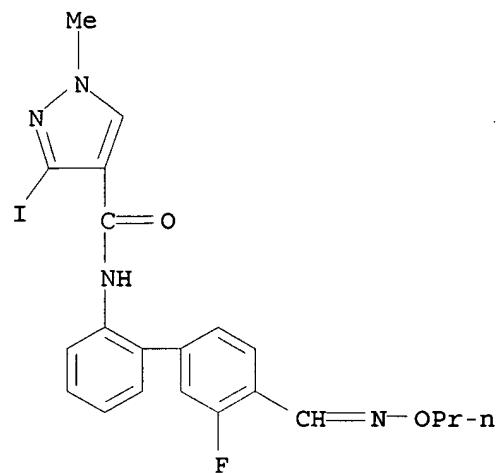
RN 799835-10-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3'-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



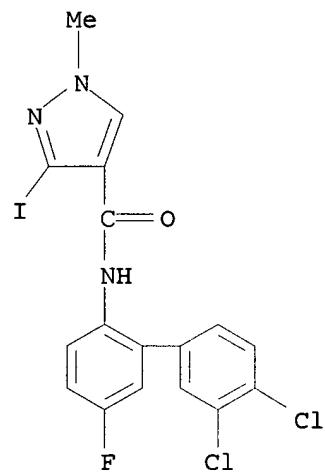
RN 799835-12-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(propoxyimino)methyl][1,1'-biphenyl]-2-yl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



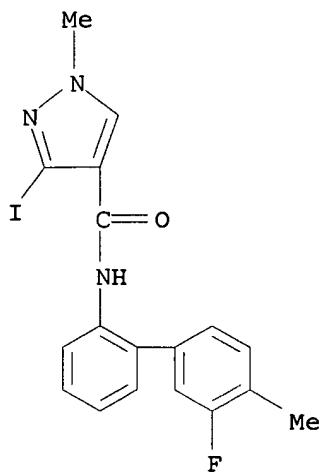
RN 799835-13-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



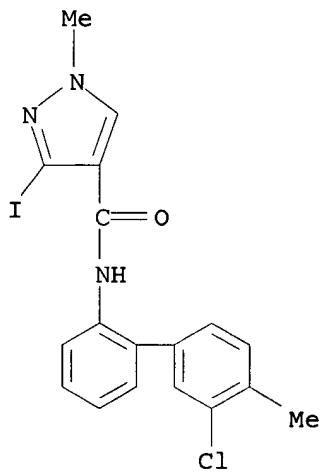
RN 799835-14-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



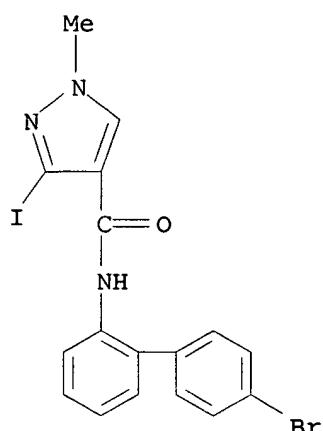
RN 799835-15-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-methyl[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



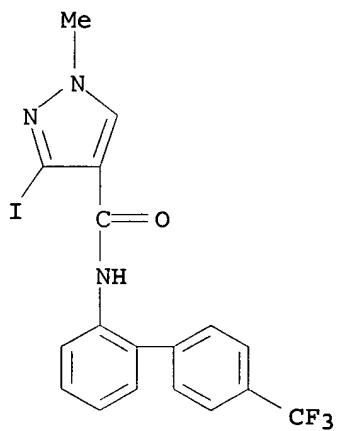
RN 799835-16-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



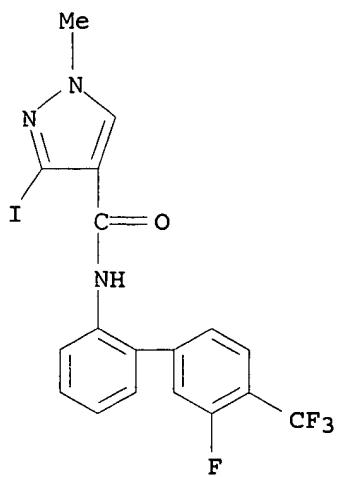
RN 799835-17-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-1-methyl-N-[4'-(trifluoromethyl)biphenyl]-2-yl- (9CI) (CA INDEX NAME)



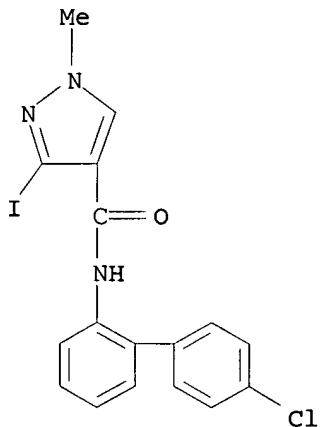
RN 799835-18-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(trifluoromethyl)biphenyl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



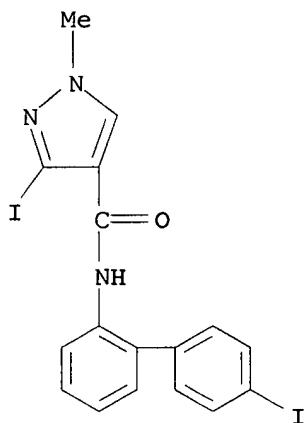
RN 799835-21-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



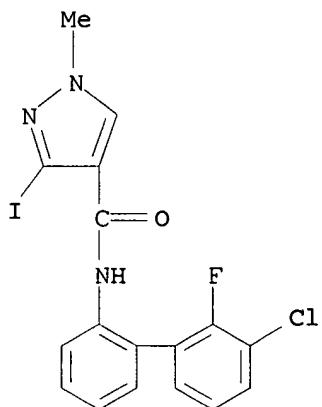
RN 799835-23-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-N-(4'-iodo[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



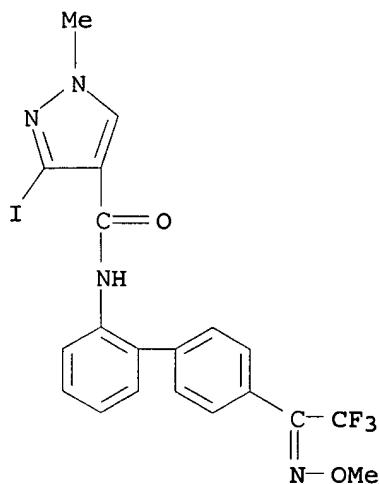
RN 799835-24-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-2'-fluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



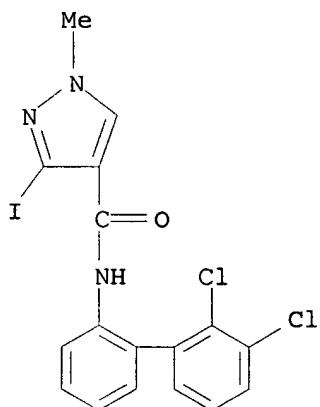
RN 799835-29-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-1-methyl-N-[4'-(2,2,2-trifluoro-1-methoxyimino)ethyl][1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



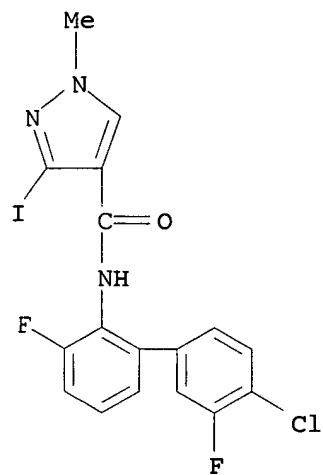
RN 799835-34-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',3'-dichloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



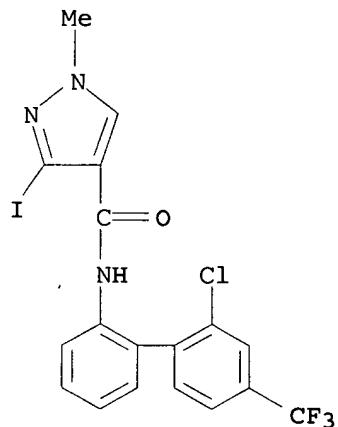
RN 799835-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-3,3'-difluoro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



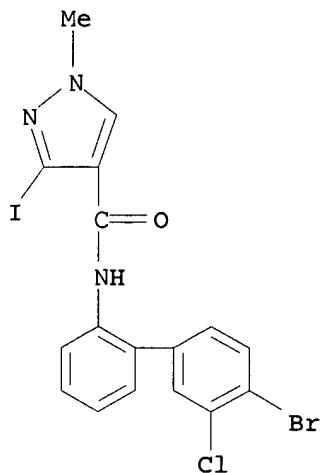
RN 799835-36-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2'-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



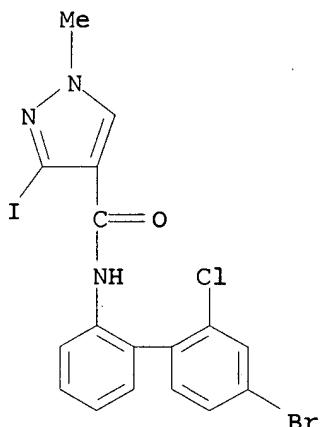
RN 799835-37-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo-3'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



RN 799835-38-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo-2'-chloro[1,1'-biphenyl]-2-yl)-3-iodo-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:565219 CAPLUS

DOCUMENT NUMBER: 141:123619

TITLE: Preparation of biphenyl derivatives and their use as fungicides

INVENTOR(S): Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans; Walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.

SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

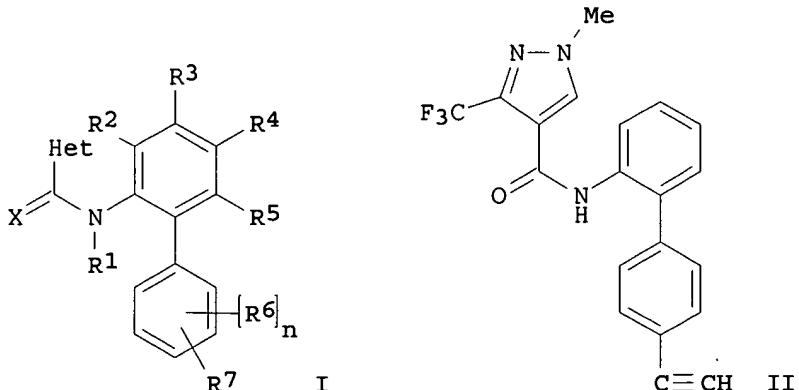
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058723	A1	20040715	WO 2003-EP14248	20031215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2510528	AA	20040715	CA 2003-2510528	20031215
AU 2003300523	A1	20040722	AU 2003-300523	20031215
EP 1575922	A1	20050921	EP 2003-813891	20031215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016879	A	20051025	BR 2003-16879	20031215
CN 1732156	A	20060208	CN 2003-80107519	20031215
JP 2006516136	T2	20060622	JP 2004-562754	20031215
US 2006100250	A1	20060511	US 2005-540036	20050622
NO 2005003558	A	20050725	NO 2005-3558	20050720
PRIORITY APPLN. INFO.:			GB 2002-30155	A 20021224
			WO 2003-EP14248	W 20031215

OTHER SOURCE(S) :

MARPAT 141:123619

GI



AB The title compds. [I; Het = (un)substituted 5-6 membered heterocyclic ring; R1 = H, CHO, CO(alkyl), CO₂(alkyl), alkoxyalkylene, CO(alkylenoxy)alkyl, propargyl, allenyl; R2-R5 = H, halo, Me, CF₃; R6 = halo, Me, CF₃; R7 = (Z)mC.tplbond.CY1, (Z)mCY1:CY2Y3, trialkylsilyl; X = O, S; Y1-Y3 = H, halo, (un)substituted alkyl alkenyl, alkynyl, cycloalkyl, trialkylsilyl; Z = (un)substituted alkylene; m = 0-1; n = 0-2], useful in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms, preferably fungi, were prepared. Thus, reacting 2-amino-4'-ethynylbiphenyl with 1-methyl-3-trifluoromethyl-4-chlorocarbonylpyrazole in the presence of pyridine in THF afforded 70% II which showed excellent fungicidal activity (biol. data given).

IT	723746-58-5P	723746-59-6P	723746-60-9P
	723746-61-0P	723746-62-1P	723746-63-2P
	723746-64-3P	723746-65-4P	723746-66-5P

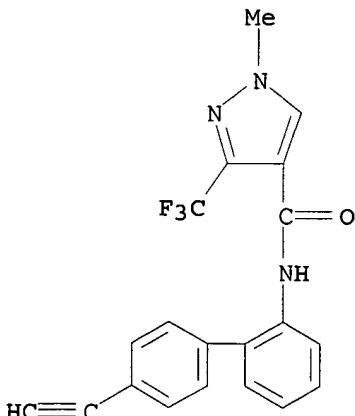
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 723747-79-3P 723747-81-7P 723747-83-9P
 723747-85-1P 723747-87-3P 723749-48-2P
 723749-50-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biphenyl derivs. and their use as fungicides)

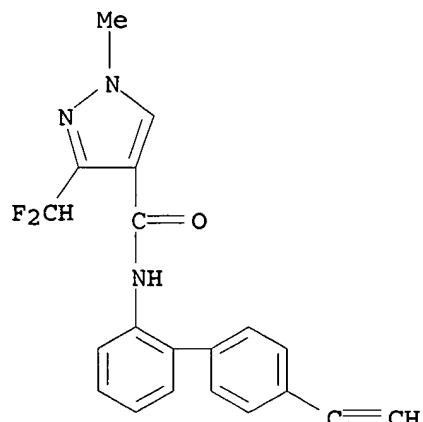
RN 723746-58-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-ethynyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



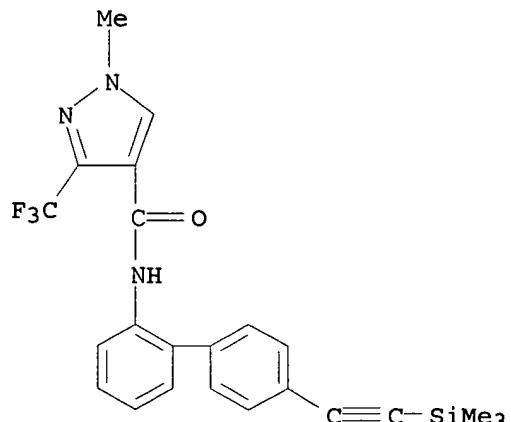
RN 723746-59-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-ethynyl[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



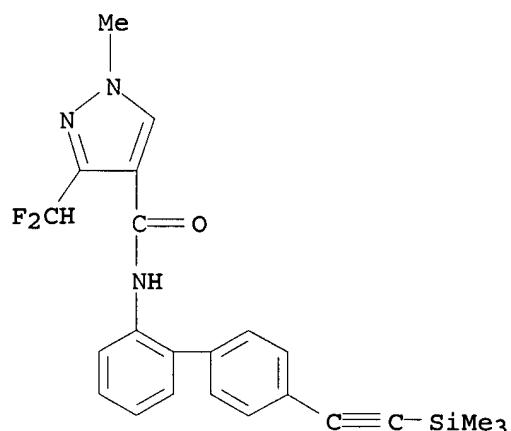
RN 723746-60-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



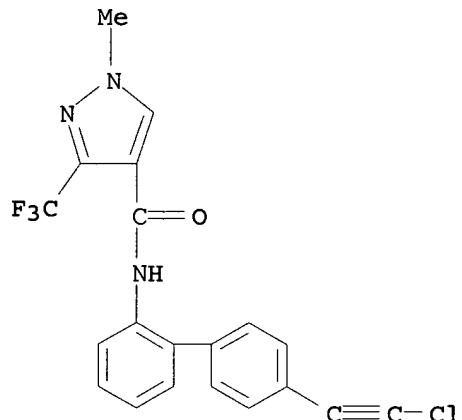
RN 723746-61-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



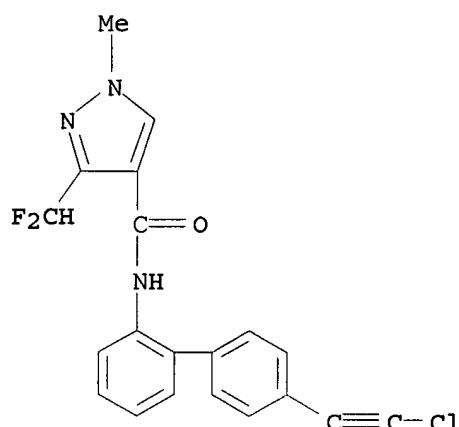
RN 723746-62-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(chloroethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



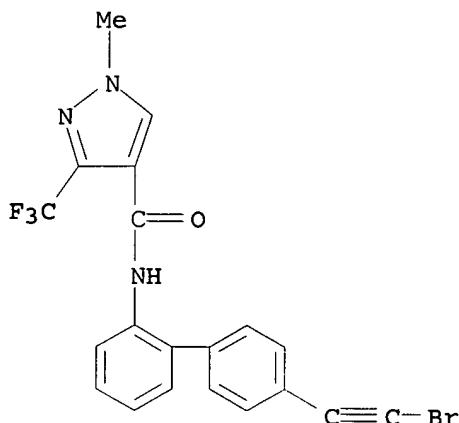
RN 723746-63-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(chloroethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



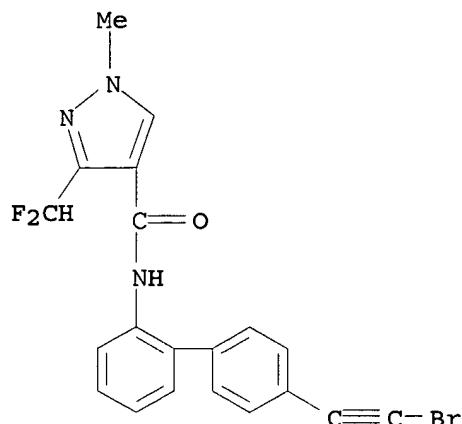
RN 723746-64-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(bromoethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



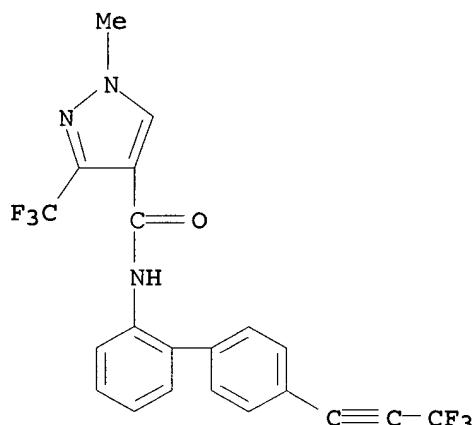
RN 723746-65-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(bromoethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



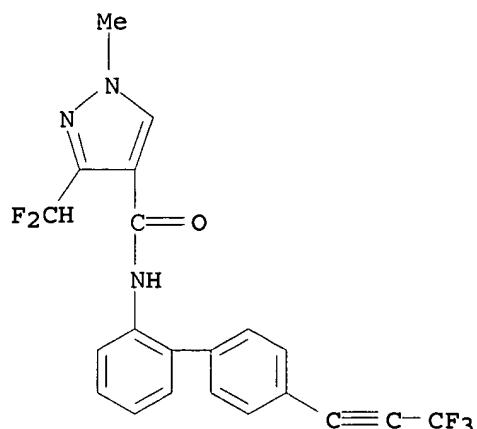
RN 723746-66-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(3,3,3-trifluoro-1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



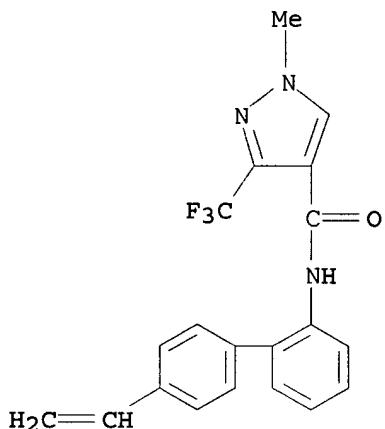
RN 723746-67-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3,3,3-trifluoro-1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



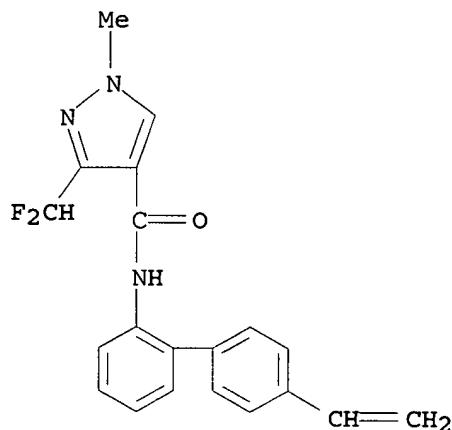
RN 723746-68-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-ethenyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



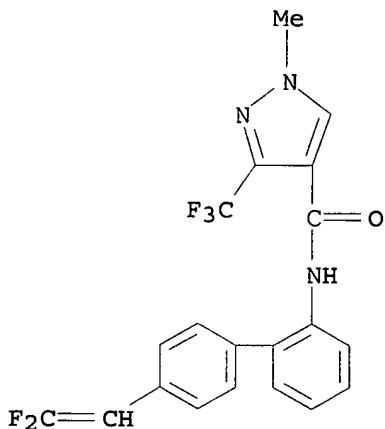
RN 723746-69-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-ethenyl[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



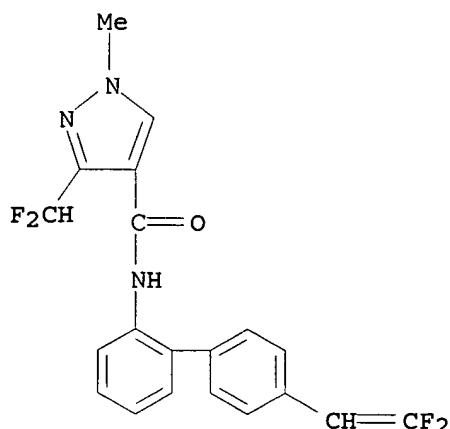
RN 723746-70-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-difluoroethyl)-[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



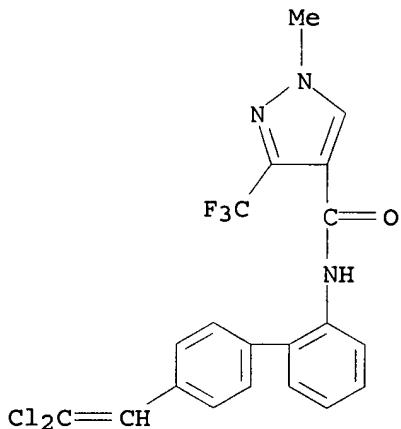
RN 723746-71-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-difluoroethyl)-[1,1'-biphenyl]-2-yl]-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



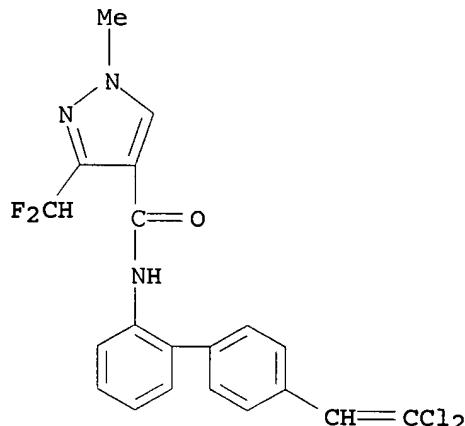
RN 723746-72-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dichloroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



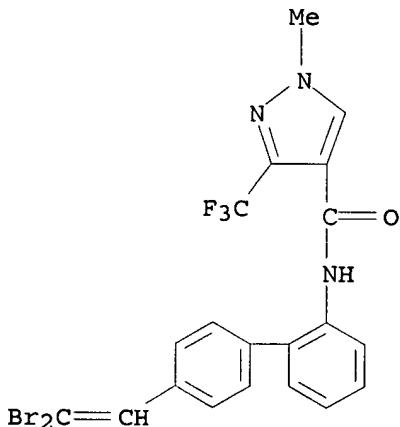
RN 723746-73-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dichloroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



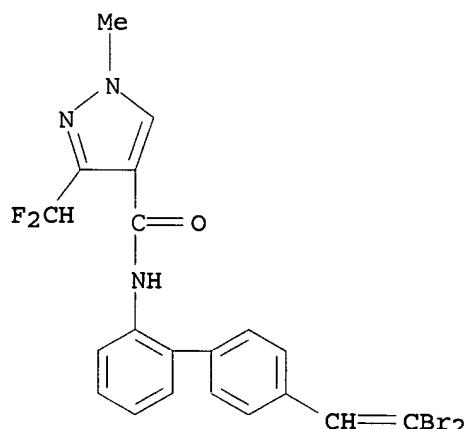
RN 723746-74-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromoethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



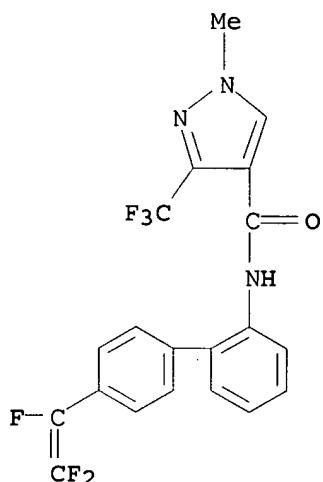
RN 723746-75-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromoethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



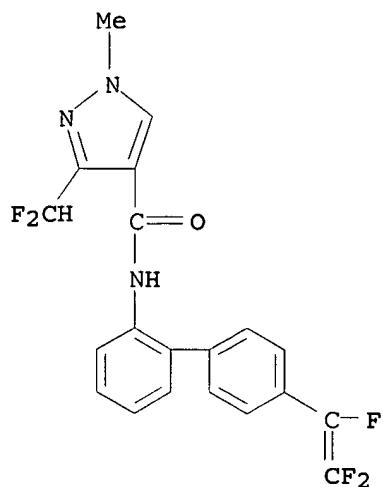
RN 723746-76-7 CAPLUS

1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(trifluoroethenyl)][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



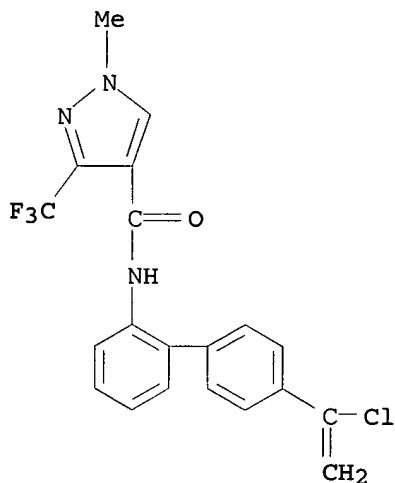
RN 723746-78-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(trifluoroethenyl)[1,1'-biphenyl]-2-yl]-(9CI) (CA INDEX NAME)



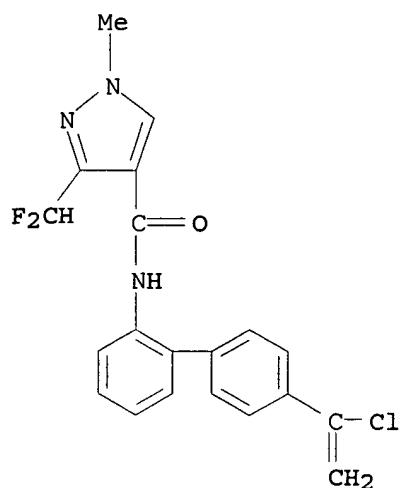
RN 723746-79-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-chloroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



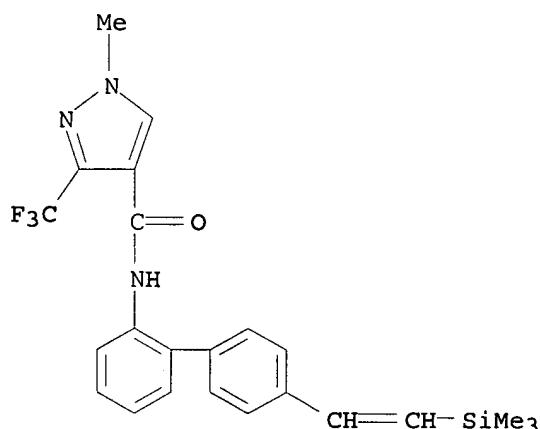
RN 723746-80-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-chloroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



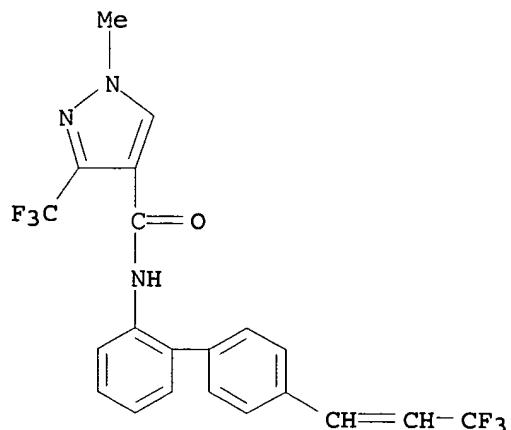
RN 723746-81-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(2-(trimethylsilyl)ethenyl)biphenyl]-2-yl- (9CI) (CA INDEX NAME)



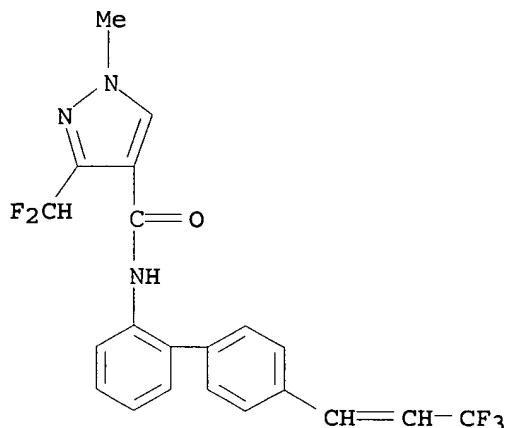
RN 723746-82-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(3,3,3-trifluoro-1-propenyl)biphenyl]-2-yl- (9CI) (CA INDEX NAME)



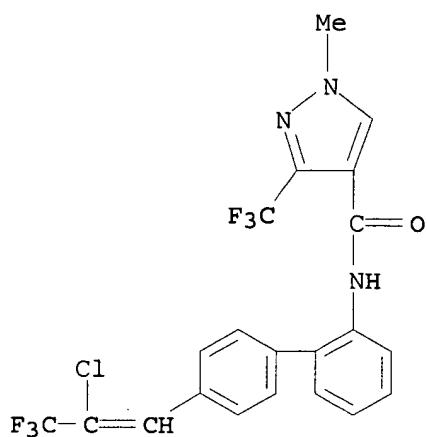
RN 723746-83-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



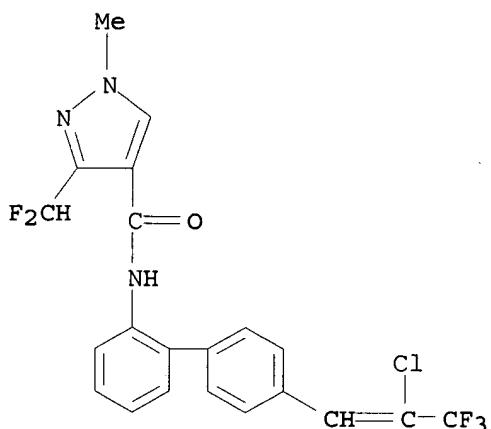
RN 723746-84-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-3,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



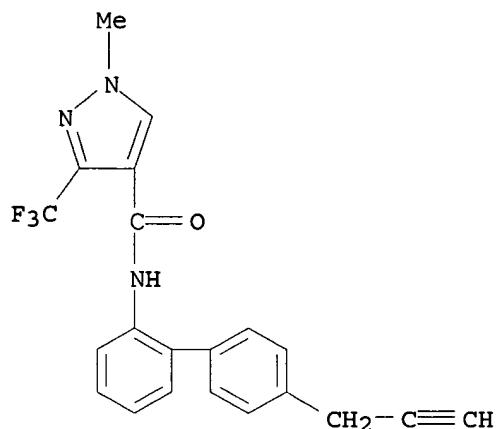
RN 723746-85-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-3,3,3-trifluoropropenyl)-[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



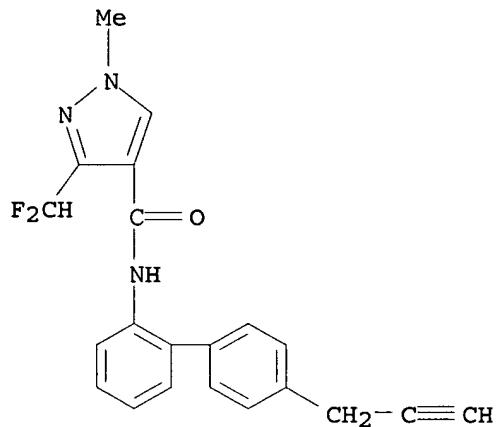
RN 723746-87-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(2-propynyl)-[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



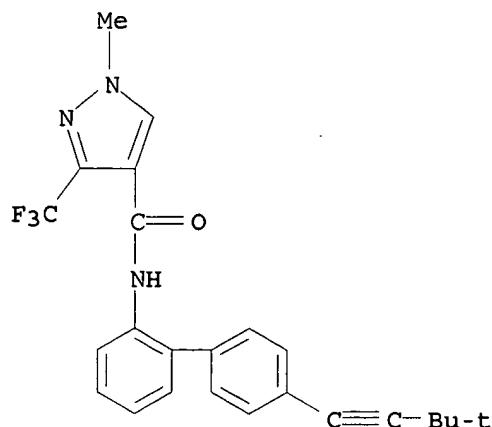
RN 723746-88-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



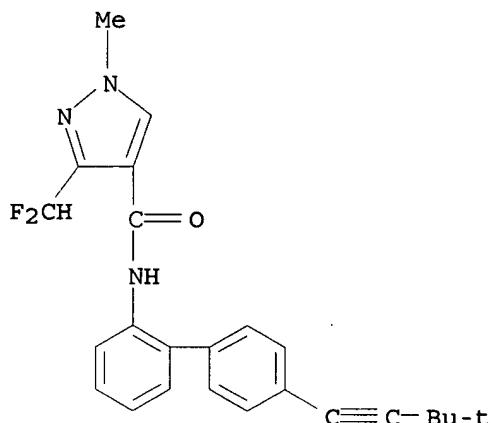
RN 723746-90-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



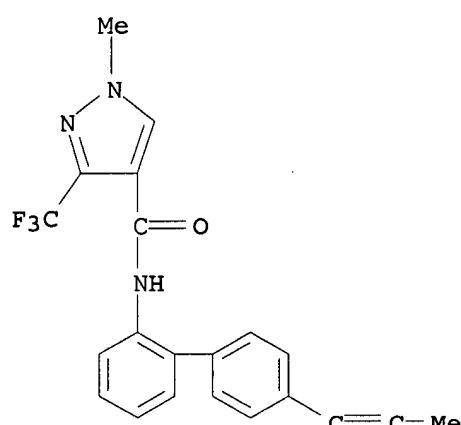
RN 723746-91-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



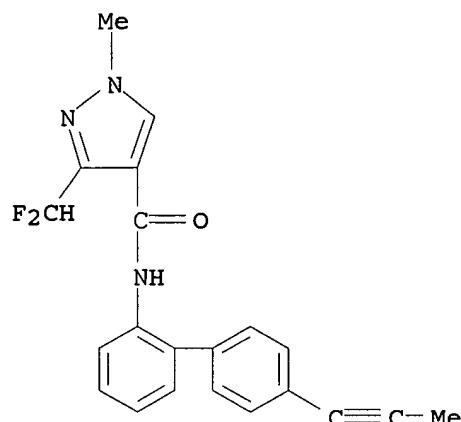
RN 723746-92-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



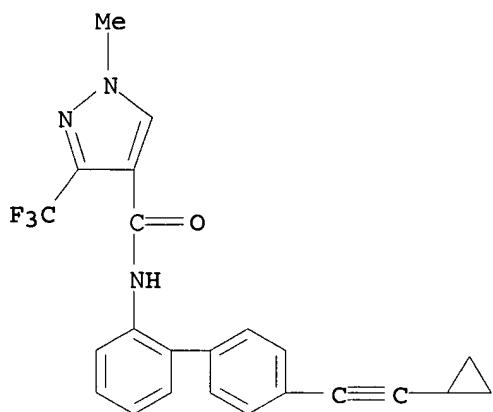
RN 723746-94-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-propynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



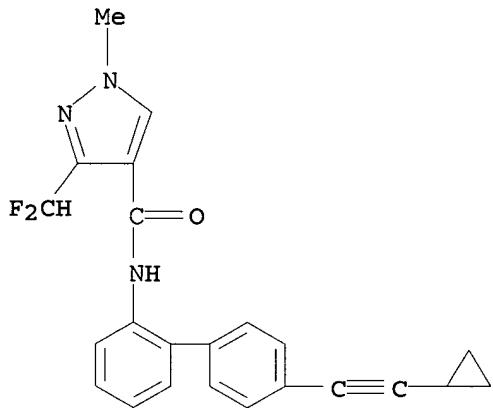
RN 723746-97-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



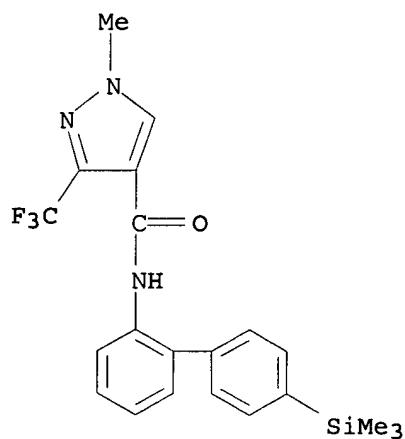
RN 723746-98-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylethynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



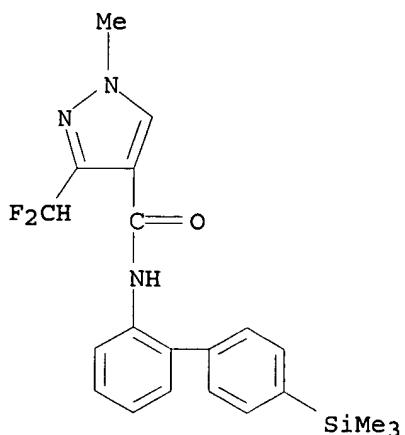
RN 723747-00-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(trimethylsilyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



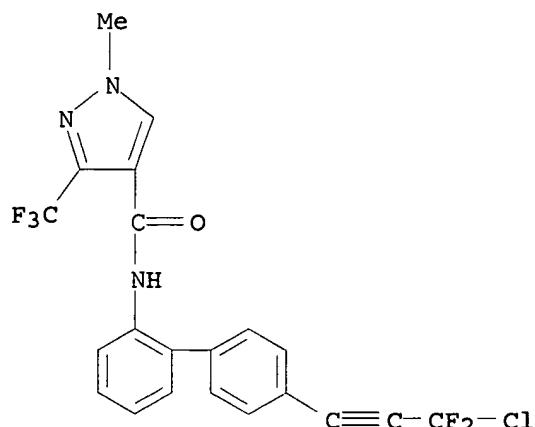
RN 723747-01-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(trimethylsilyl)biphenyl]-2-yl- (9CI) (CA INDEX NAME)



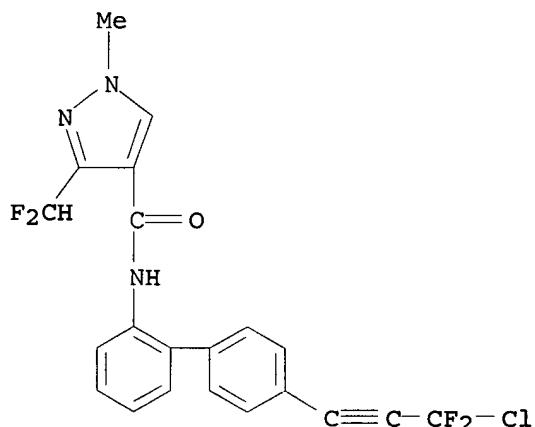
RN 723747-02-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-3,3-difluoro-1-propynyl)biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



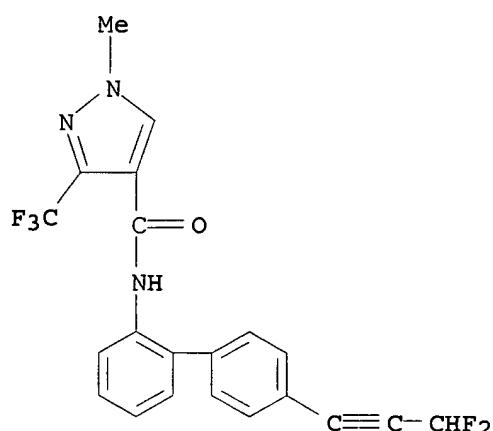
RN 723747-03-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



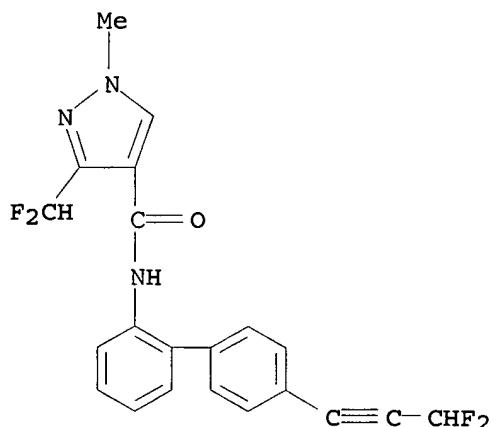
RN 723747-04-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



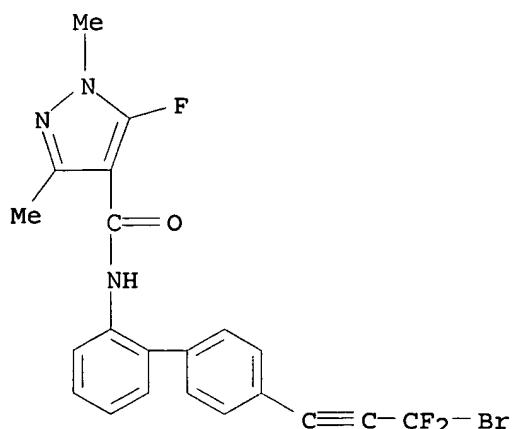
RN 723747-05-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



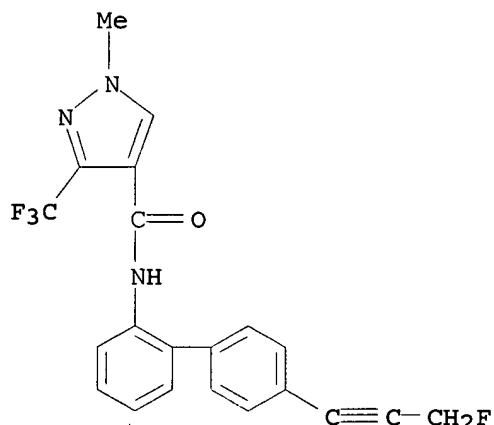
RN 723747-07-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-bromo-3,3-difluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



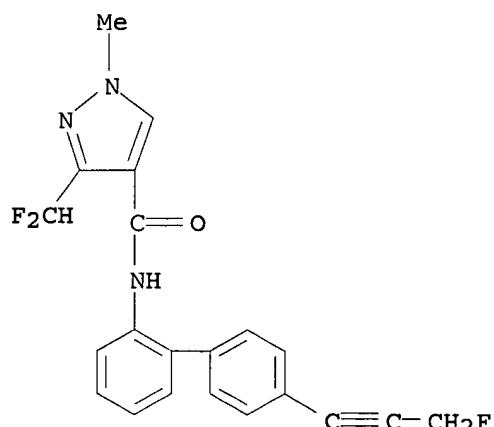
RN 723747-08-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-fluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



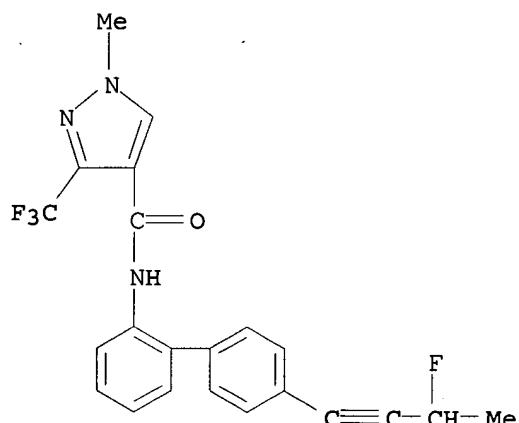
RN 723747-10-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



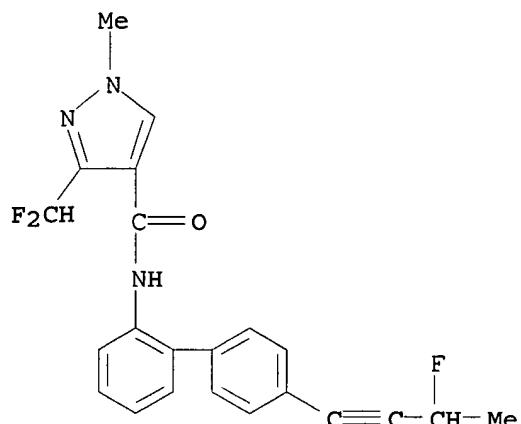
RN 723747-12-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-fluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



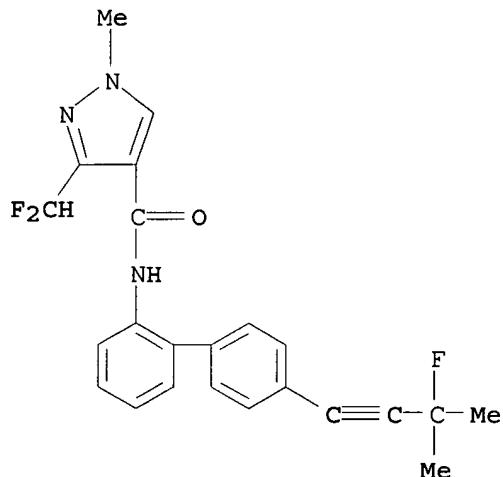
RN 723747-14-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



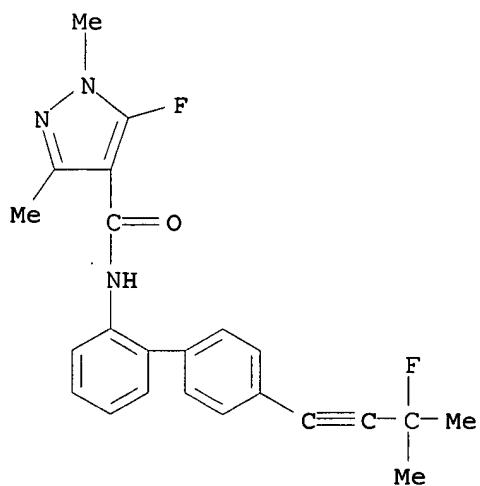
RN 723747-16-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-fluoro-3-methyl-1-butynyl)-[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



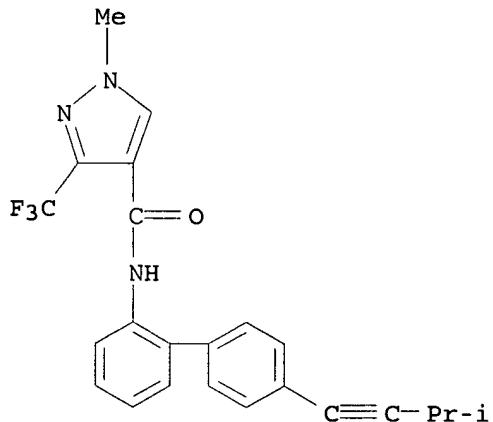
RN 723747-18-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(3-fluoro-3-methyl-1-butynyl)-[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



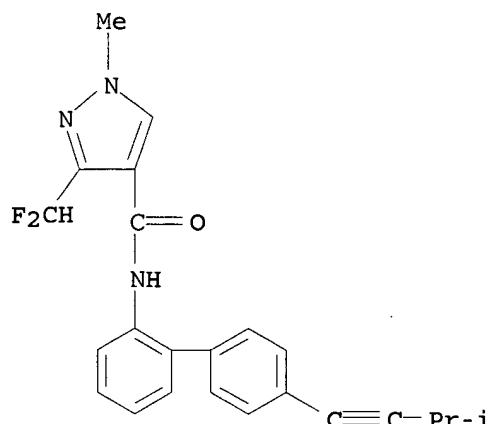
RN 723747-20-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



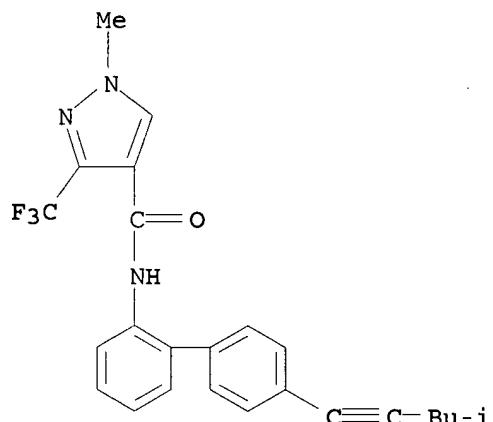
RN 723747-22-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



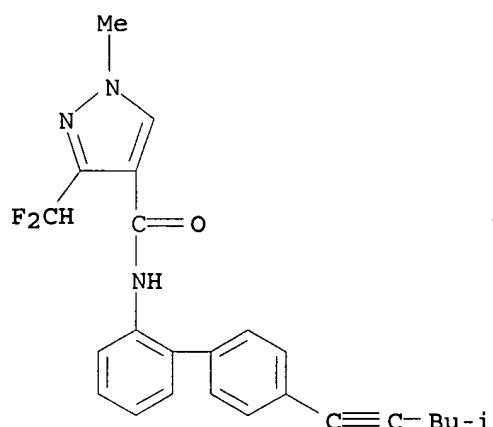
RN 723747-24-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(4-methyl-1-pentynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



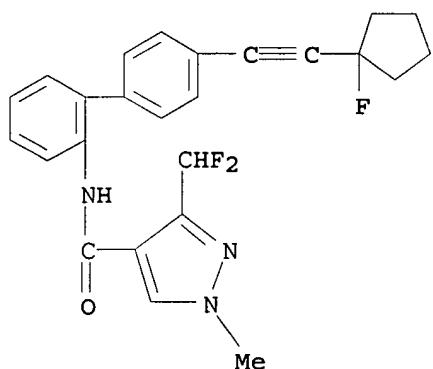
RN 723747-26-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(4-methyl-1-pentynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



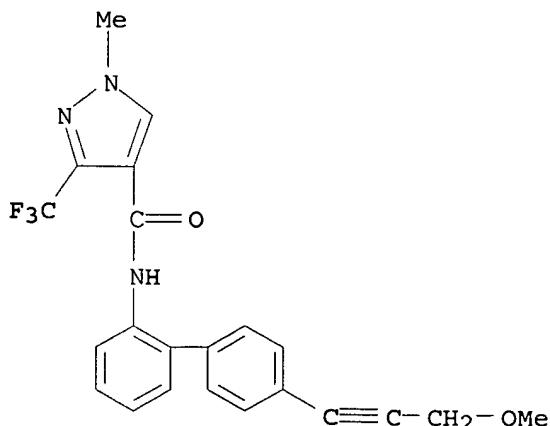
RN 723747-27-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(1-fluorocyclopentyl)ethynyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



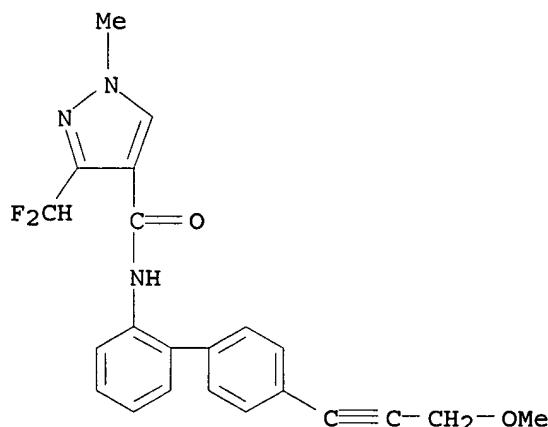
RN 723747-29-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-methoxy-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



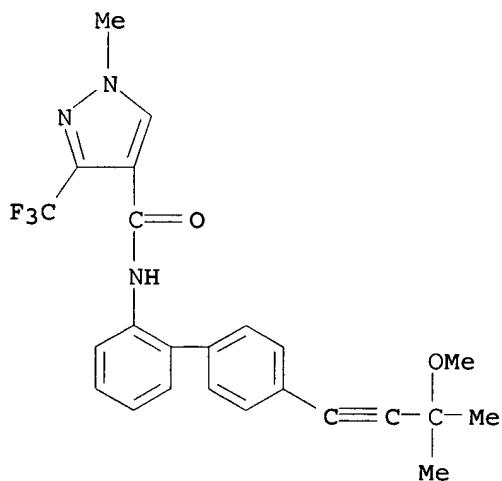
RN 723747-31-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-1-propynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



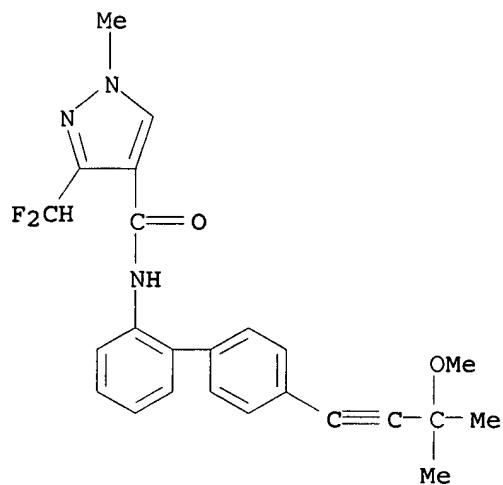
RN 723747-33-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



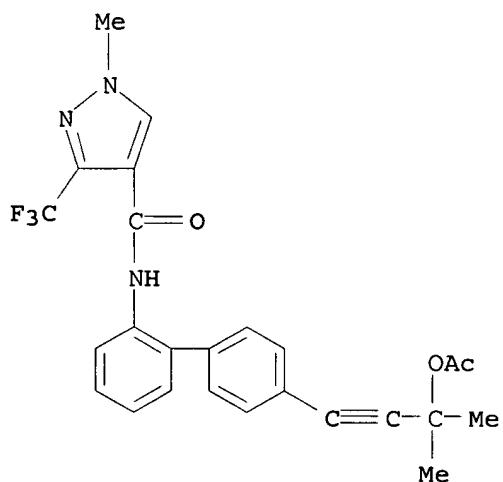
RN 723747-35-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-methoxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



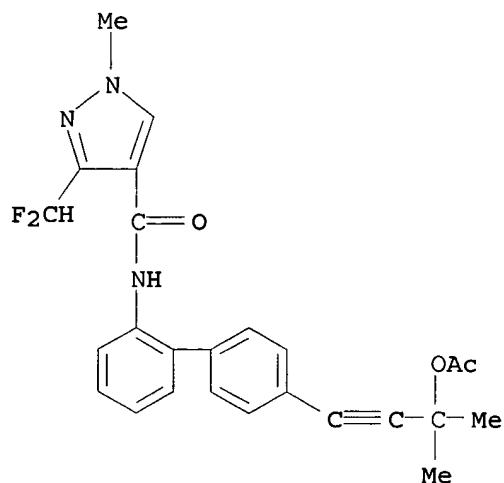
RN 723747-37-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-(acetoxy)-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



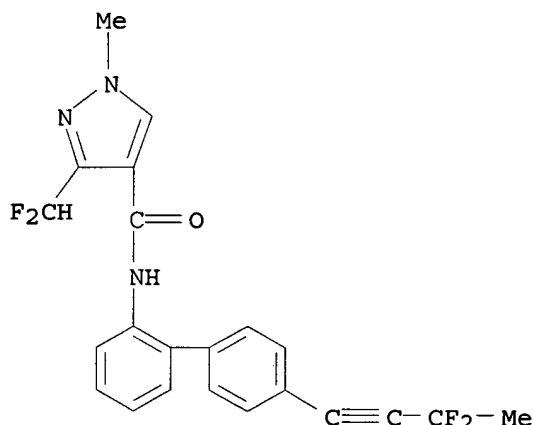
RN 723747-39-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-(acetoxy)-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



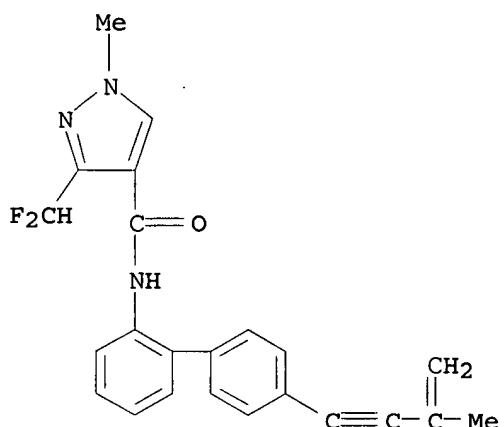
RN 723747-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3,3-difluoro-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



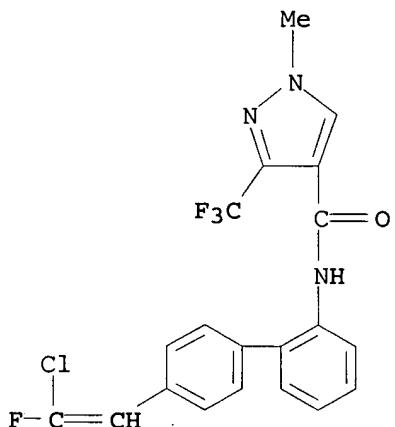
RN 723747-43-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3-methyl-3-butene-1-ynyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



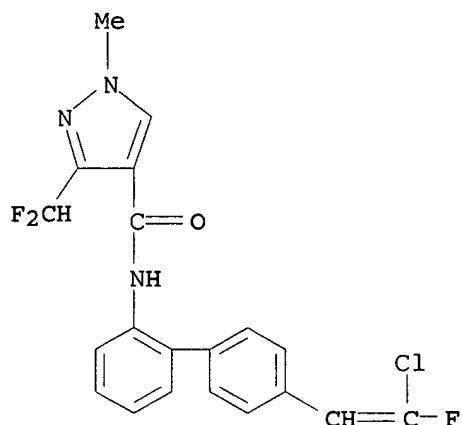
RN 723747-45-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoroethyl)-[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



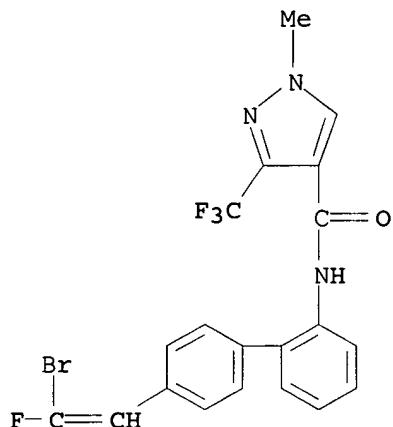
RN 723747-47-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoroethyl)-[1,1'-biphenyl]-2-yl]-1-methyl-3-(difluoromethyl)- (9CI) (CA INDEX NAME)



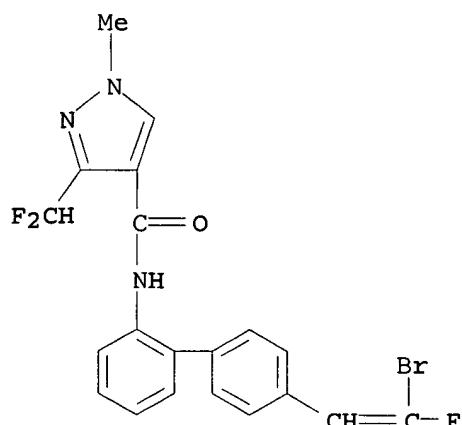
RN 723747-49-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



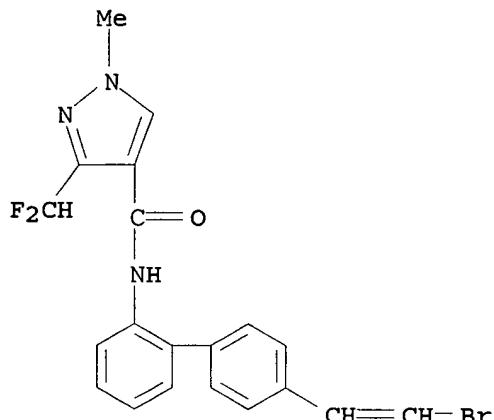
RN 723747-51-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoroethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



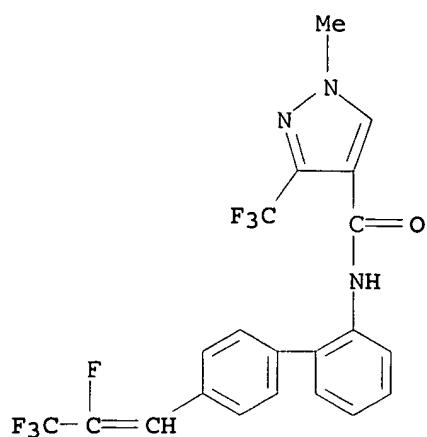
RN 723747-53-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromoethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



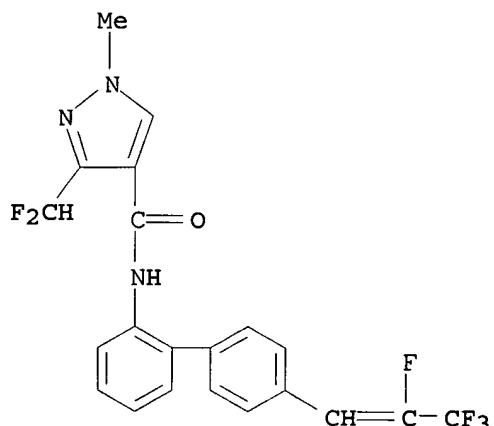
RN 723747-55-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(2,3,3,3-tetrafluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



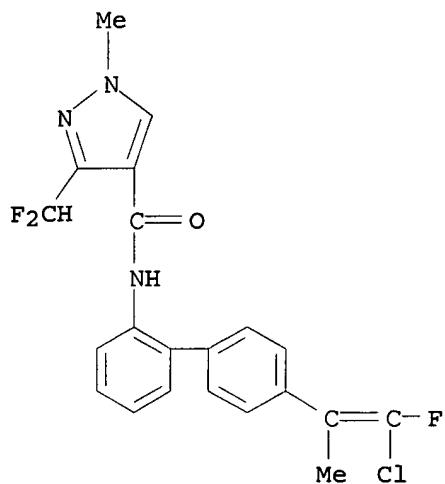
RN 723747-57-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2,3,3,3-tetrafluoro-1-propenyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



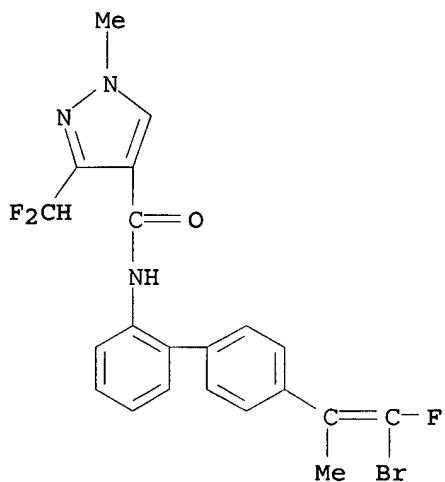
RN 723747-59-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloro-2-fluoro-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



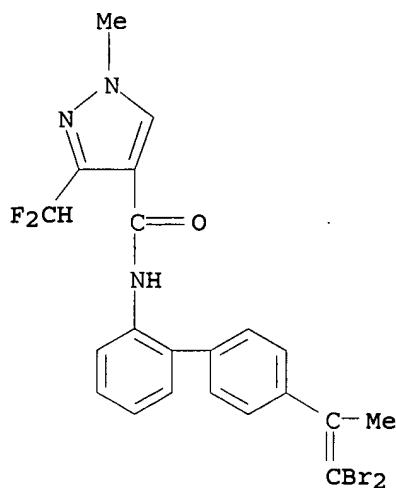
RN 723747-61-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-bromo-2-fluoro-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



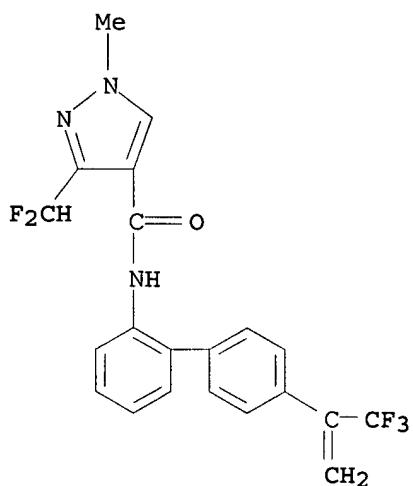
RN 723747-63-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2,2-dibromo-1-methylethenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



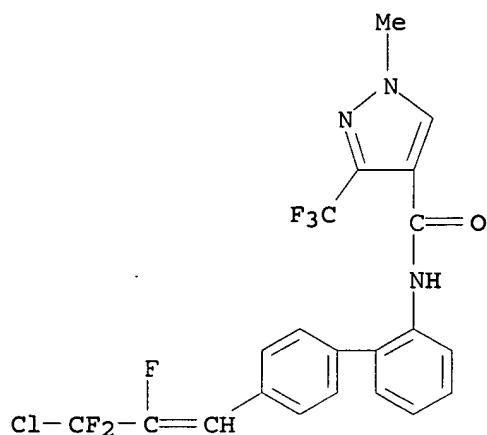
RN 723747-65-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(trifluoromethyl)ethenyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



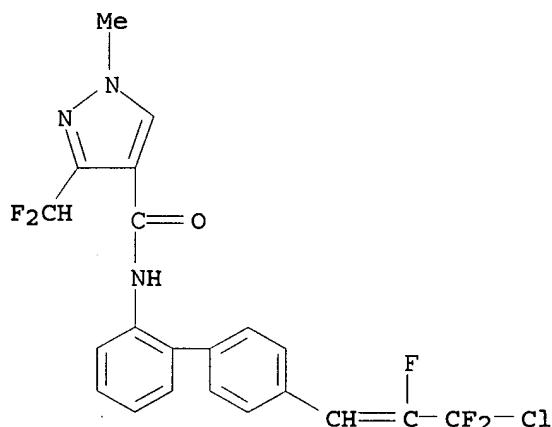
RN 723747-67-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-2,3,3-trifluoro-1-propenyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



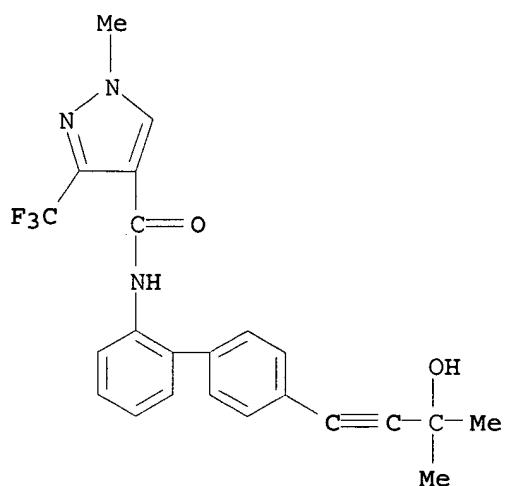
RN 723747-69-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-chloro-2,3,3-trifluoropropenyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



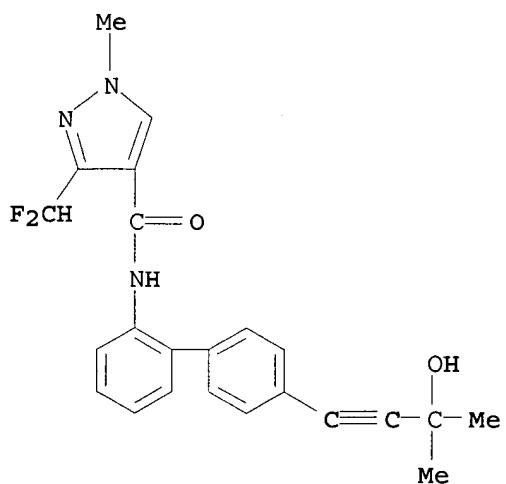
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CN 1H-Pyrazole-4-carboxamide, N-[4'-(3-hydroxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



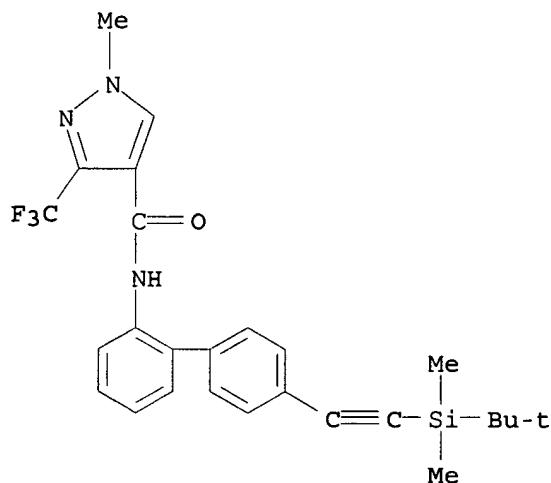
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(3-hydroxy-3-methyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



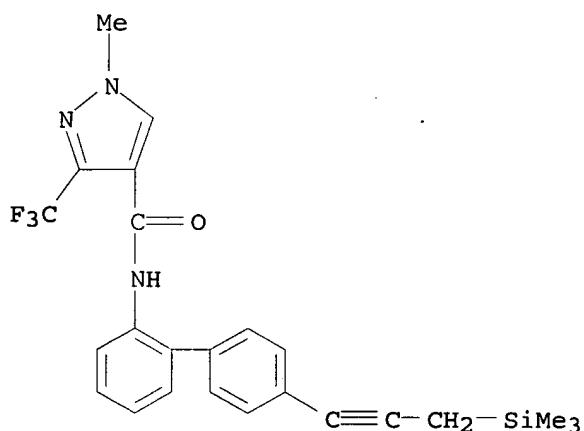
RN 723747-75-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-([(1,1-dimethylethyl)dimethylsilyl]ethynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



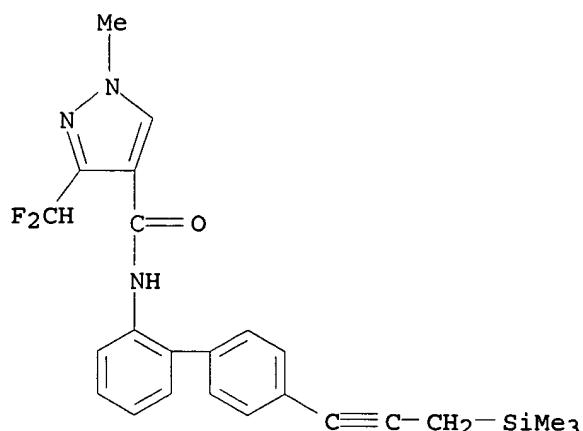
RN 723747-77-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(3-(trimethylsilyl)-1-propynyl)biphenyl]-2-yl] - (9CI) (CA INDEX NAME)

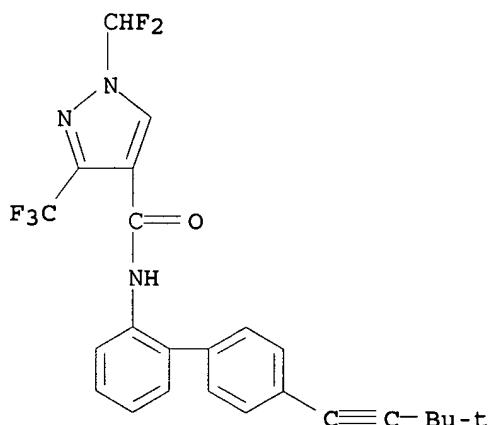


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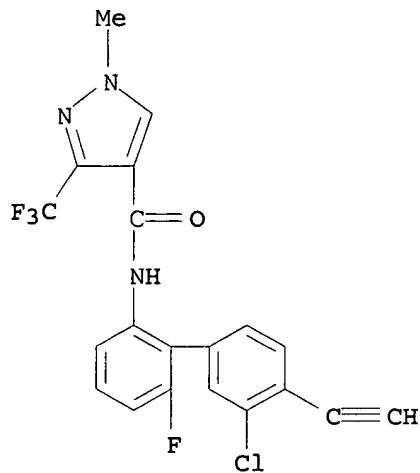
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(3-(trimethylsilyl)-1-propynyl)biphenyl]-2-yl] - (9CI) (CA INDEX NAME)



RN 723747-81-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(difluoromethyl)-N-[4'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

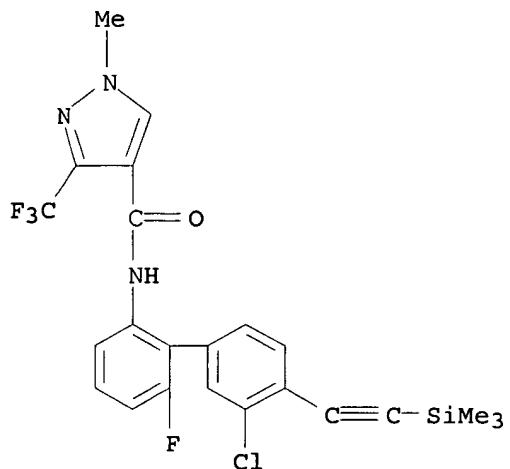


RN 723747-83-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-ethynyl-6-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



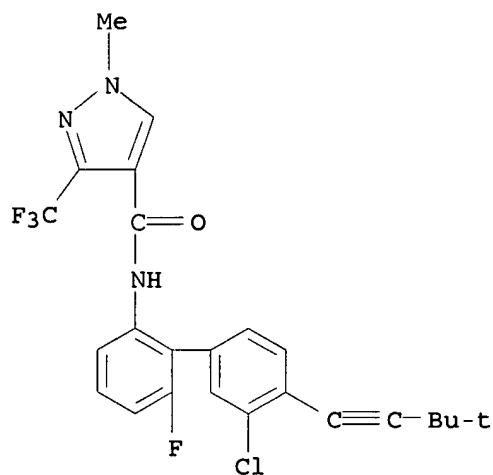
RN 723747-85-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-6-fluoro-4'-(trimethylsilyl)ethynyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



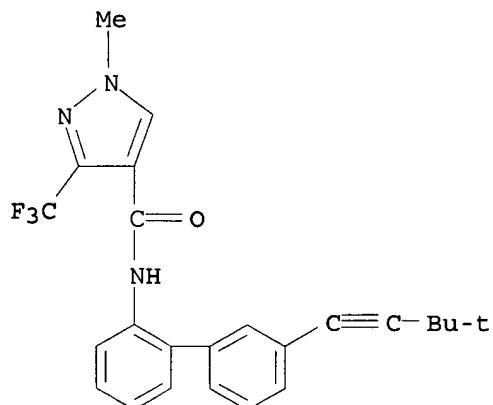
RN 723747-87-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-(3,3-dimethyl-1-butynyl)-6-fluoro[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



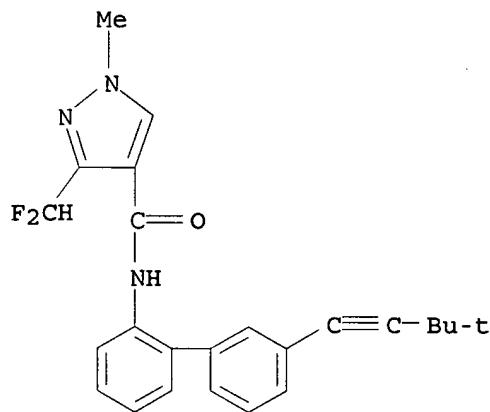
RN 723749-48-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 723749-50-6 CAPLUS

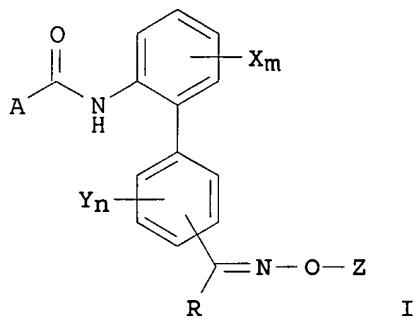
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-(3,3-dimethyl-1-butynyl)[1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:509994 CAPLUS
 DOCUMENT NUMBER: 141:54333
 TITLE: Preparation of biphenylcarboxamides as agricultural fungicides and insecticides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Greul, Joerg Nico; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Dahmen, Peter; Kuck, Karl-Heinz; Loesel, Peter
 PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany
 SOURCE: Ger. Offen., 70 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10258314	A1	20040624	DE 2002-10258314	20021213
WO 2004054982	A1	20040701	WO 2003-EP13498	20031201
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003298156	A1	20040709	AU 2003-298156	20031201
EP 1572663	A1	20050914	EP 2003-795860	20031201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003017290	A	20051108	BR 2003-17290	20031201
CN 1745067	A	20060308	CN 2003-80109571	20031201
JP 2006515841	T2	20060608	JP 2004-559734	20031201
PRIORITY APPLN. INFO.:			DE 2002-10258314	A 20021213
			WO 2003-EP13498	W 20031201
OTHER SOURCE(S):	MARPAT	141:54333		



AB Title compds. [I; R = H, alkyl, haloalkyl; Z = alkenyl, alkynyl, haloalkenyl, haloalkynyl; X, Y = halo, cyano, NO₂, alkyl, alkoxy, alkylthio, haloalkyl, haloalkoxy, haloalkylthio; m, n = 0-4; A = 5-6 membered substituted heterocycl], were prepared. Thus, 2'-amino-1,1'-biphenyl-4-carbaldehyde O-allyloxime (preparation given) and Et₃N was treated with 4-difluoromethyl-2-methylthiazole-5-carbonyl chloride in PhMe at room temperature followed by stirring for 3 h at 50° to give 49.6% N-(4'-(E)-[(allyloxy)imino]methyl]-1,1'-biphenyl-2-yl)-4-(difluoromethyl)-2-methyl-1,3-thiazole-5-carboxamide. The latter at 100 ppm gave 100% control of Venturia inaequalis.

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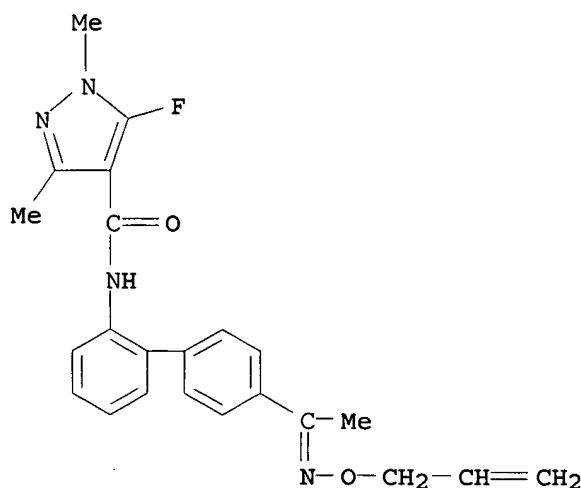
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 705944-09-8P 705944-21-4P 705944-35-0P
 705944-37-2P 705944-59-8P 705944-63-4P
 705944-70-3P 705944-77-0P 705944-80-5P
 705944-81-6P 705944-82-7P 705944-85-0P
 705944-91-8P 705944-93-0P 705944-97-4P
 705944-98-5P 705944-99-6P 705945-08-0P
 705963-34-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biphenylcarboxamides as agricultural fungicides and insecticides)

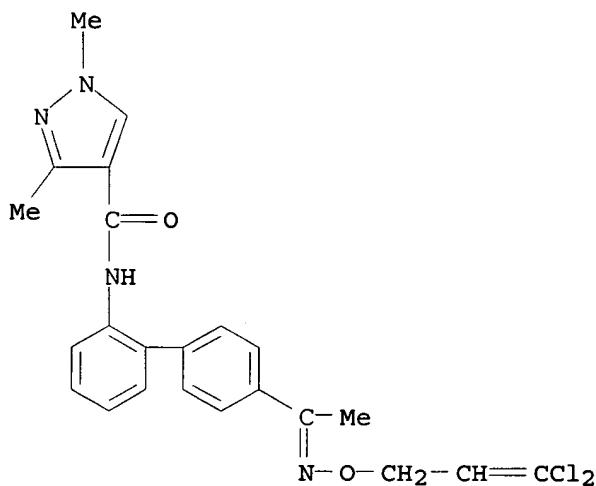
RN 705942-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(1-[(2-propenyl)oxy]imino)ethyl]-[1,1'-biphenyl]-2-yl] - (9CI) (CA INDEX NAME)



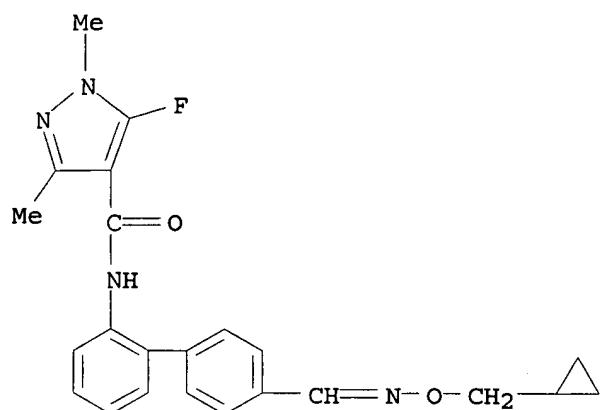
RN 705943-47-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-[[(3,3-dichloro-2-propenyl)oxy]imino]ethyl)biphenyl-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)

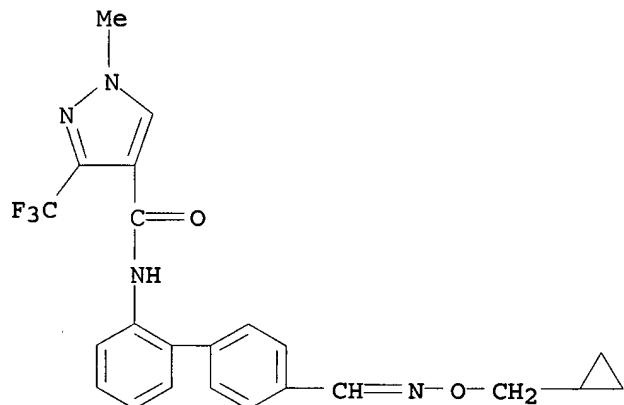


RN 705943-60-8 CAPLUS

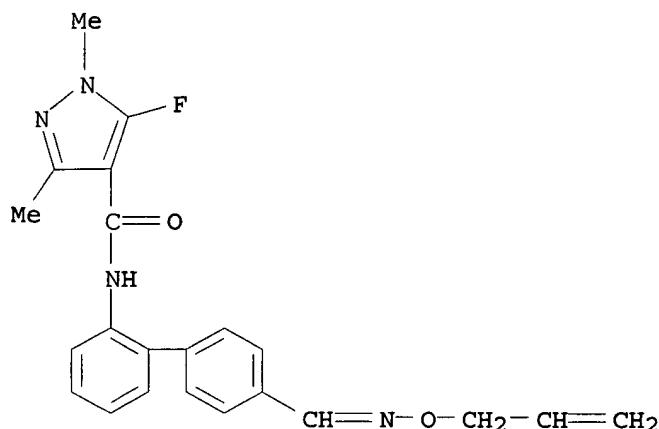
CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(cyclopropylmethoxy)imino)methyl]biphenyl-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 705943-79-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylmethoxy)imino]methyl[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

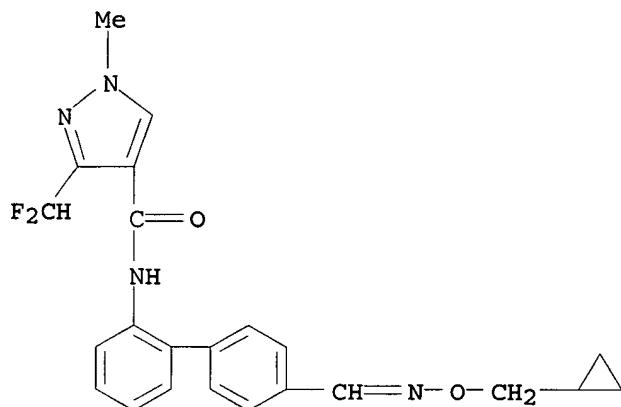


RN 705943-91-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(2-propenyl)imino]methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



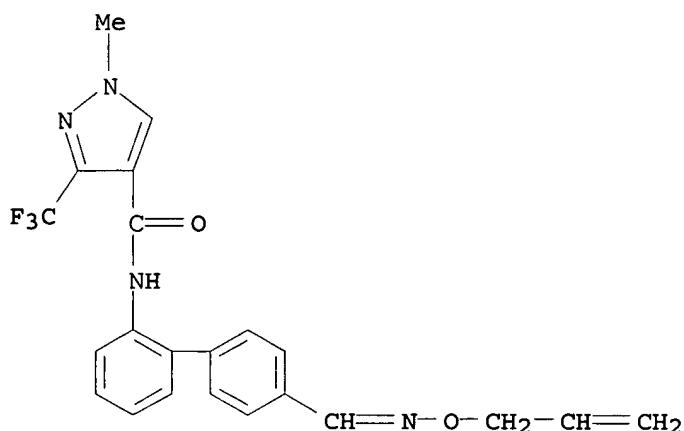
RN 705943-96-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(cyclopropylmethoxy)imino]methyl[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



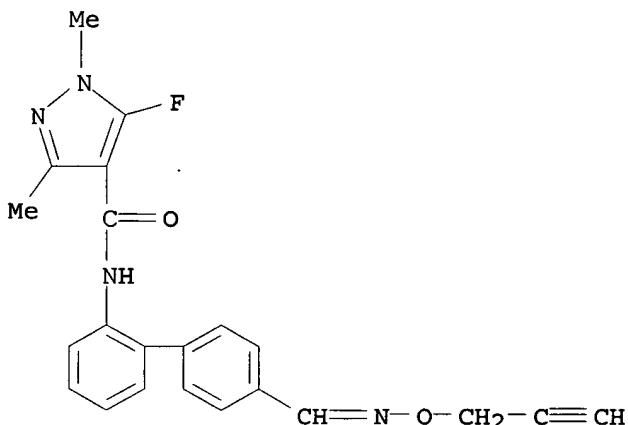
RN 705944-09-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(2-propenyl)imino]methyl[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



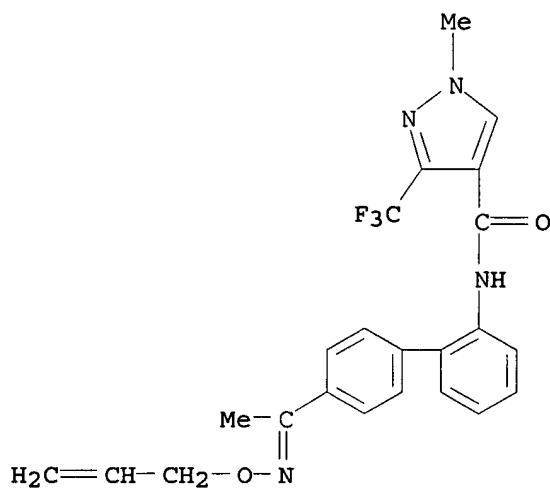
RN 705944-21-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(2-propynyloxy)imino]methyl[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



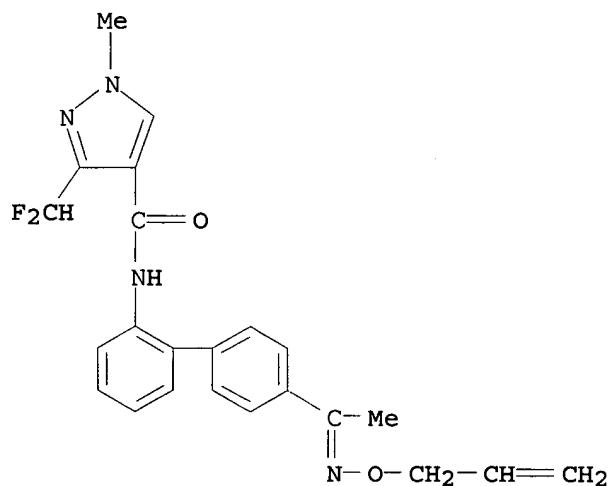
RN 705944-35-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-(2-propenyloxy)imino)ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



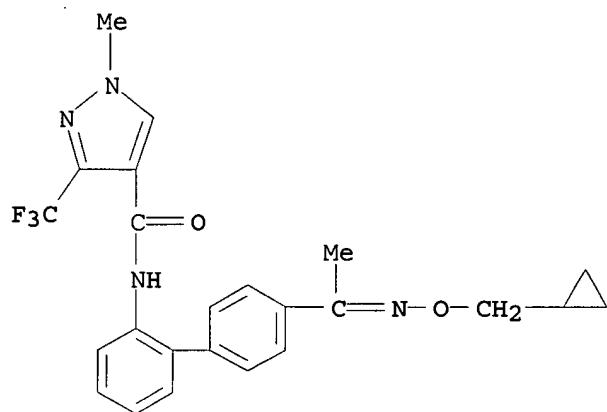
RN 705944-37-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(1-(2-propenyl)oxyimino)ethyl]-[1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



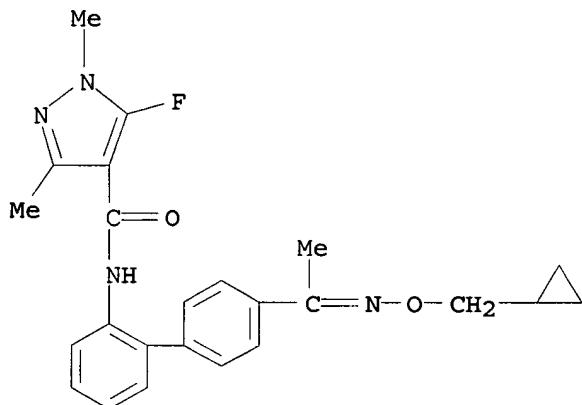
RN 705944-59-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(cyclopropylmethoxyimino)ethyl)-[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



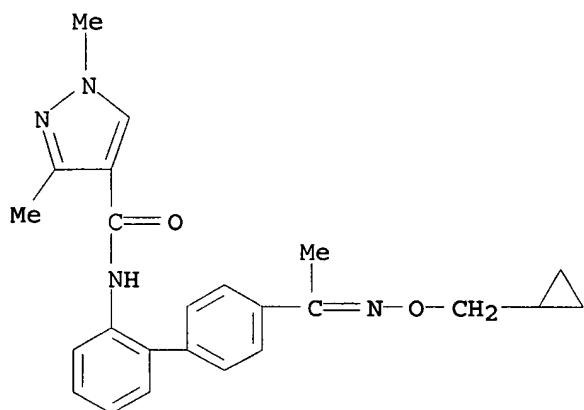
RN 705944-63-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(cyclopropylmethoxy)iminoethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



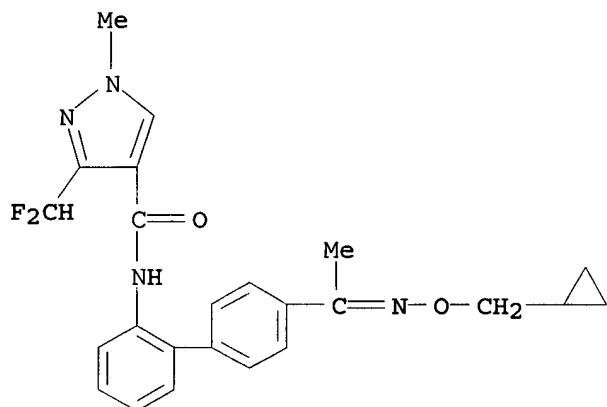
RN 705944-70-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(cyclopropylmethoxy)iminoethyl)[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



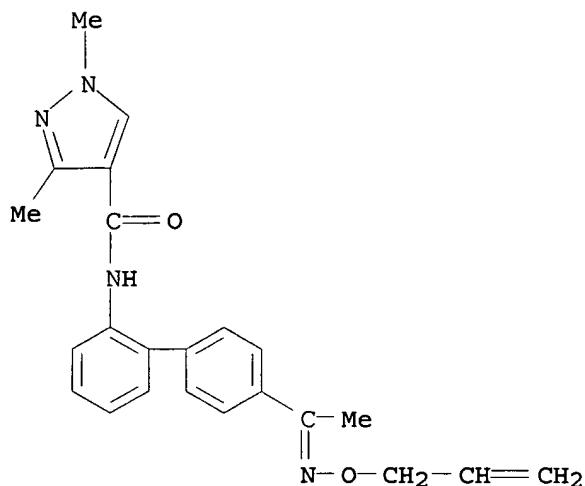
RN 705944-77-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-[(cyclopropylmethoxy)imino]ethyl)[1,1'-biphenyl]-2-yl]-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



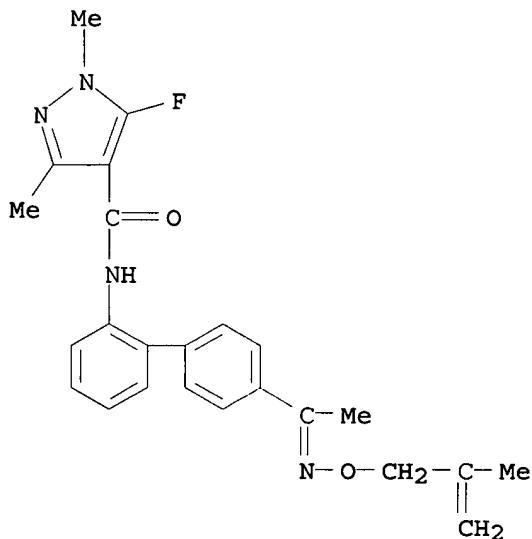
RN 705944-80-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-(1-[(2-propenyl)imino]ethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



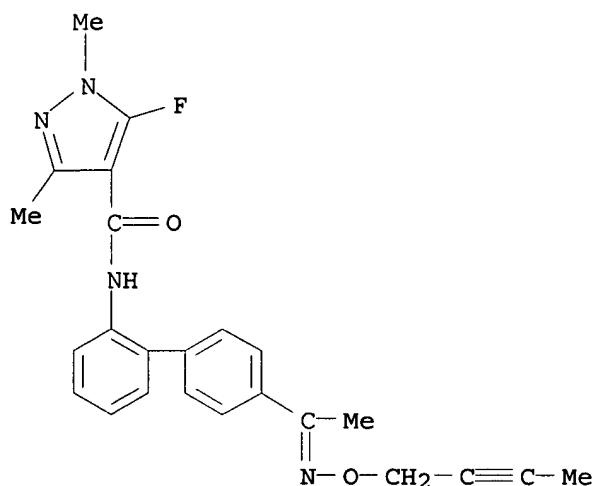
RN 705944-81-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(1-[(2-methyl-2-propenyl)oxy]imino)ethyl][1,1'-biphenyl]-2-yl] (9CI) (CA INDEX NAME)



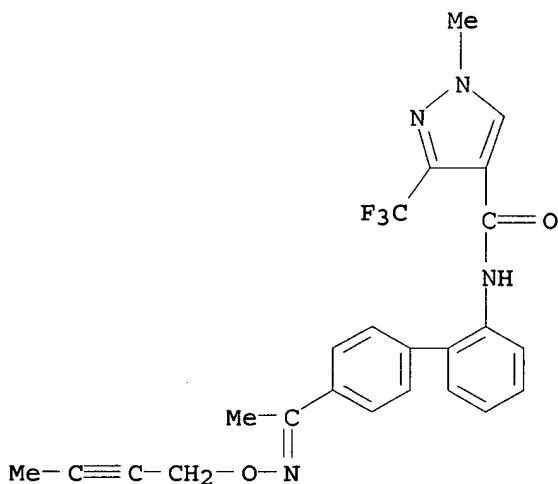
RN 705944-82-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-[(2-butynyloxy)imino]ethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



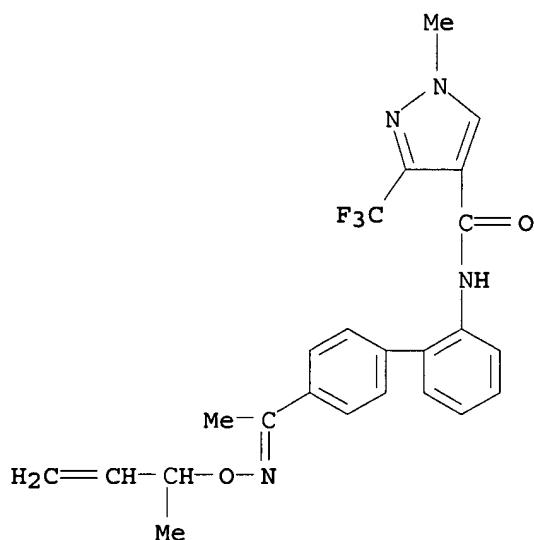
RN 705944-85-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-[(2-butynyloxy)imino]ethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



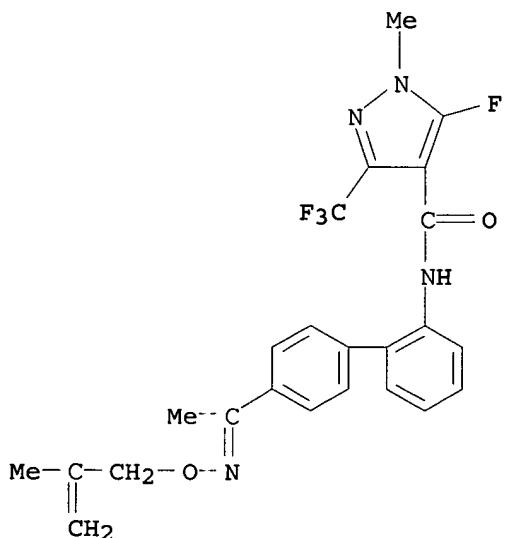
RN 705944-91-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-[(1-methyl-2-propenyl)oxy]imino)ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



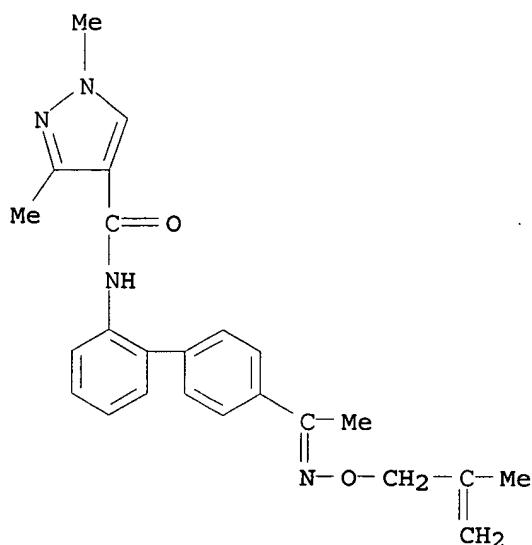
RN 705944-93-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-N-[4'-(1-[(2-methyl-2-propenyl)oxy]imino)ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



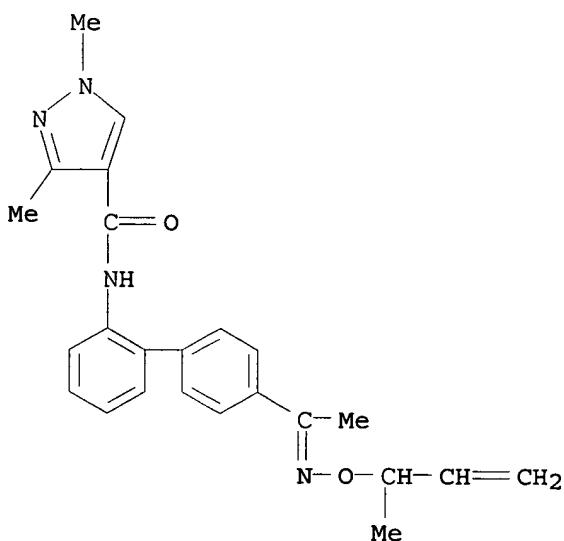
RN 705944-97-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-(1-[(2-methyl-2-propenyl)oxy]imino)ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



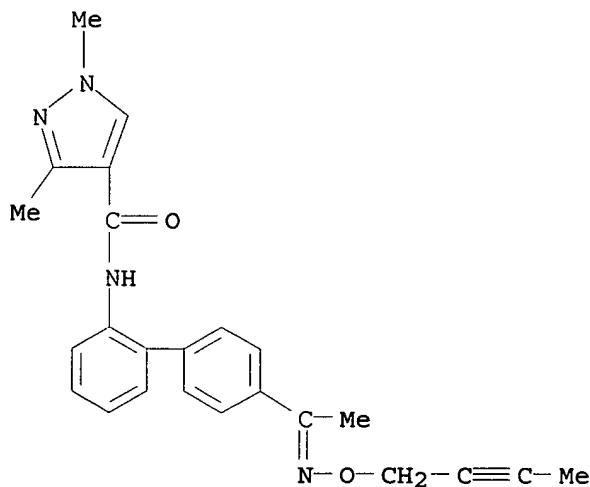
RN 705944-98-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-(1,1'-biphenyl)-2-yl]-[4-[(1-methyl-2-propenyl)oxy]imino]ethyl] (9CI) (CA INDEX NAME)



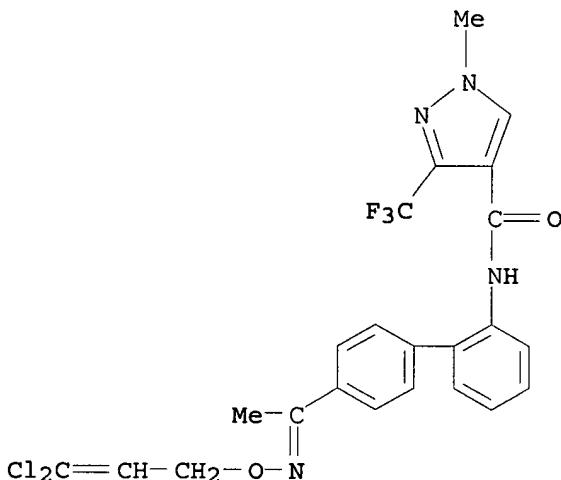
RN 705944-99-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1,1'-biphenyl)-2-yl]-[4-[(2-butynyl)oxy]imino]ethyl] (9CI) (CA INDEX NAME)



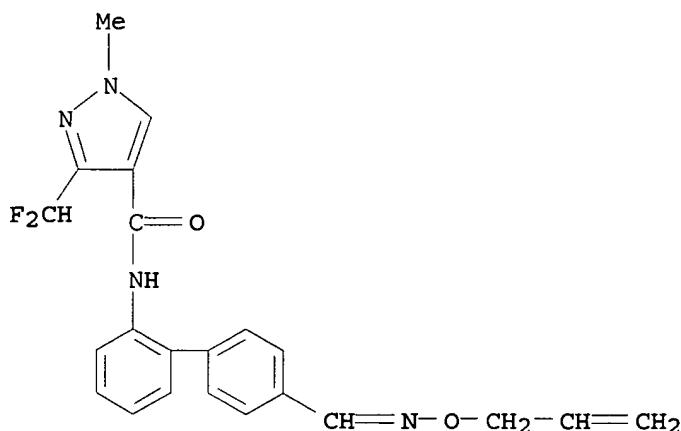
RN 705945-08-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-[[3,3-dichloro-2-propenyl]oxy]imino)ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

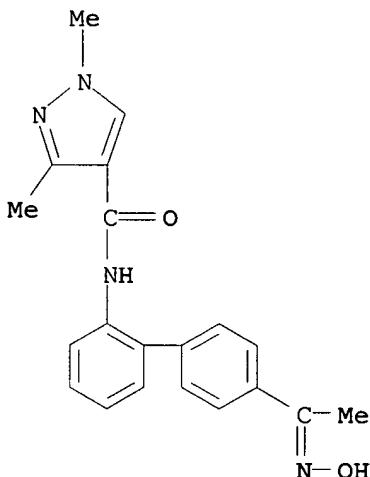


RN 705963-34-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[4'-(2-propenyl)oxy]imino)methyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



IT 705943-53-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of biphenylcarboxamides as agricultural fungicides and
 insecticides)
 RN 705943-53-9 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[4'-(E)-but-2-enyl] [1,1'-biphenyl]-2-
 yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:891913 CAPLUS
 DOCUMENT NUMBER: 139:360405
 TITLE: Preparation of biphenylcarboxamide derivatives as
 agrochemical fungicides and bactericides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko;
 Markert, Robert; Wachendorff-Neumann, Ulrike;
 Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Kugler,
 Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: Ger. Offen., 62 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent

LANGUAGE: German

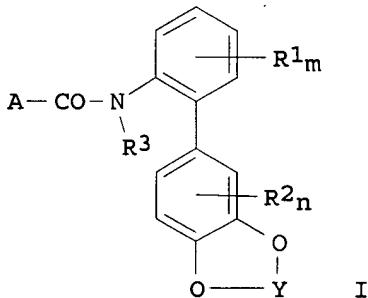
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10219035	A1	20031113	DE 2002-10219035	20020429
WO 2003093223	A1	20031113	WO 2003-EP3964	20030416
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003227635	A1	20031117	AU 2003-227635	20030416
EP 1501786	A1	20050202	EP 2003-725044	20030416
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003009830	A	20050301	BR 2003-9830	20030416
JP 2005523934	T2	20050811	JP 2004-501363	20030416
US 2005272785	A1	20051208	US 2005-512706	20050513
PRIORITY APPLN. INFO.:			DE 2002-10219035	A 20020429
			WO 2003-EP3964	W 20030416

OTHER SOURCE(S): MARPAT 139:360405

GI



AB The biphenylcarboxamide derivs. I [R1, R2 = H, halo, CN, NO₂, (halo)alkyl, (halo)alkoxy, etc.; m = 1-4; n = 1-3; R3 = H, OH, (halo)alkyl, cycloalkyl, etc.; Y = CO or (un)substituted alkylene; A = (un)substituted heterocyclyl] are prepared as agrochem. fungicides and bactericides.

IT 622383-41-9P 622383-43-1P 622383-55-5P

622383-61-3P 622383-63-5P 622383-65-7P

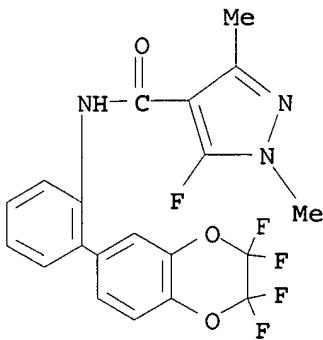
622383-67-9P 622383-69-1P 622383-71-5P

622383-73-7P 622383-75-9P 622383-77-1P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as agrochem. fungicide and bactericide)

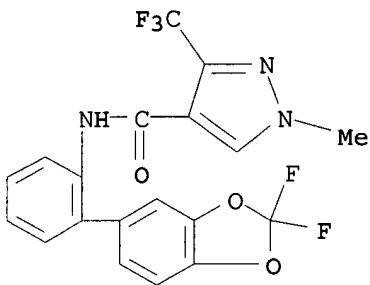
RN 622383-41-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)phenyl]- (9CI) (CA INDEX NAME)



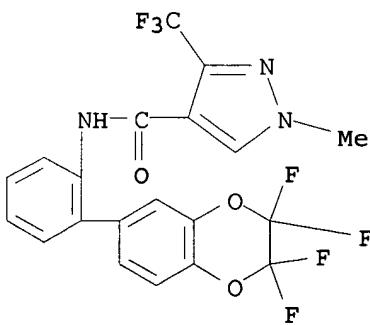
RN 622383-43-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(2,2-difluoro-1,3-benzodioxol-5-yl)phenyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



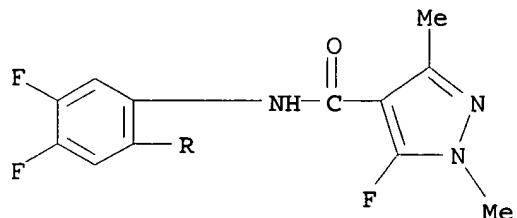
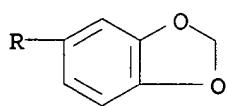
RN 622383-55-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-6-yl)phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



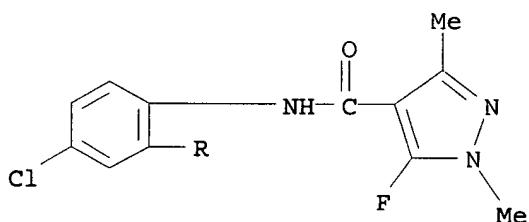
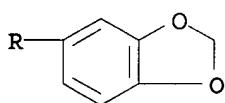
RN 622383-61-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4,5-difluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



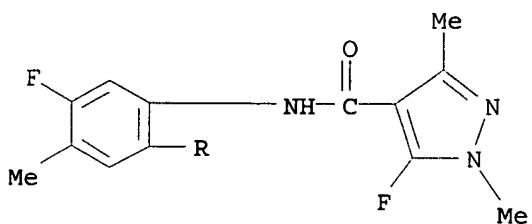
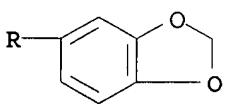
RN 622383-63-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-chlorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-65-7 CAPLUS

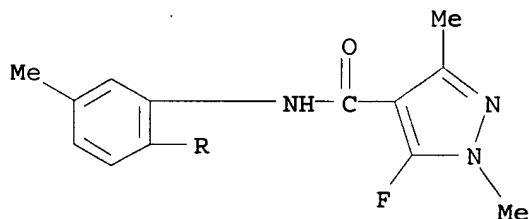
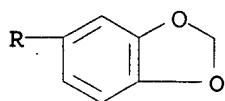
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-5-fluoro-4-methylphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-67-9 CAPLUS

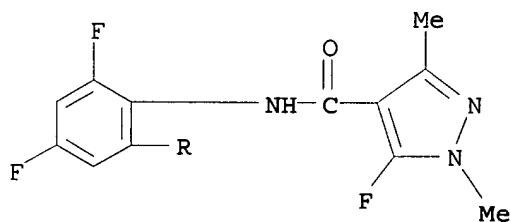
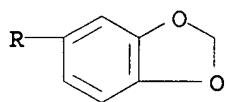
10540036.trn

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-5-methylphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



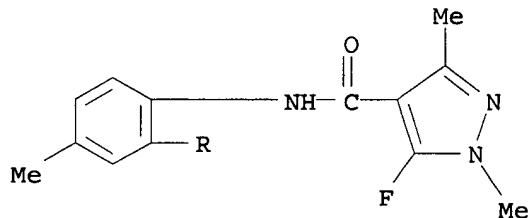
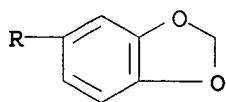
RN 622383-69-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4,6-difluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



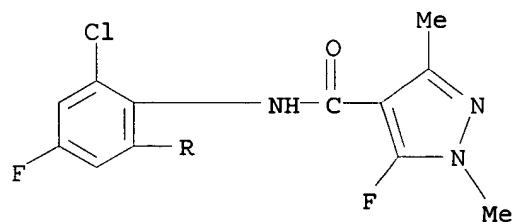
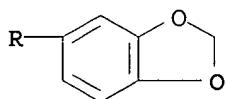
RN 622383-71-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-methylphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



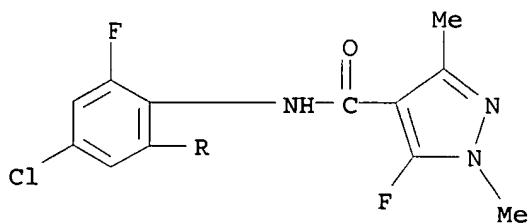
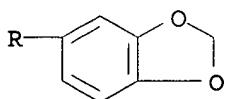
RN 622383-73-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-6-chloro-4-fluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-75-9 CAPLUS

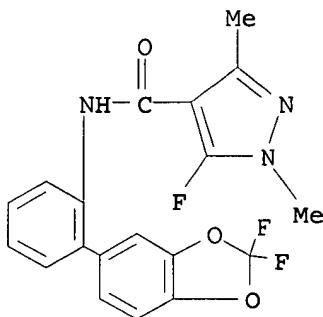
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-benzodioxol-5-yl)-4-chloro-6-fluorophenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 622383-77-1 CAPLUS

10540036.trn

CN 1H-Pyrazole-4-carboxamide, N-[2-(2,2-difluoro-1,3-benzodioxol-5-yl)phenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

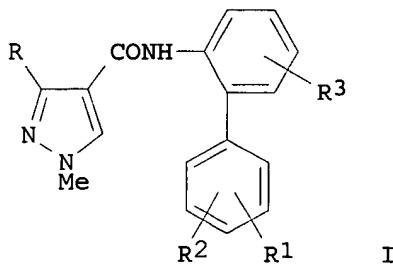


L4 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:678788 CAPLUS
 DOCUMENT NUMBER: 139:180060
 TITLE: Preparation of N-1,1'-biphenyl-2-yl-1H-pyrazole-4-carboxamides as microbicides
 INVENTOR(S): Dunkel, Ralf; Rieck, Heiko; Elbe, Hans-Ludwig;
 Wachendorff-Neumann, Ulrike; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

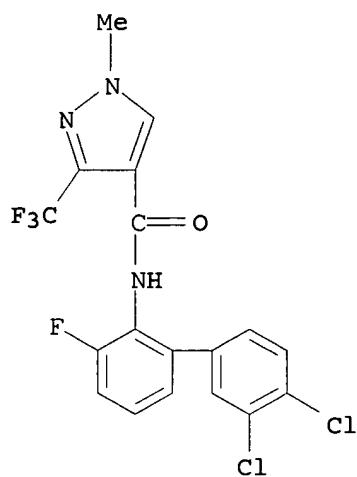
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070705	A1	20030828	WO 2003-EP1178	20030206
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10215292	A1	20030828	DE 2002-10215292	20020408
CA 2476462	AA	20030828	CA 2003-2476462	20030206
AU 2003246698	A1	20030909	AU 2003-246698	20030206
BR 2003007787	A	20041228	BR 2003-7787	20030206
EP 1490342	A1	20041229	EP 2003-742451	20030206
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CN 1646494	A	20050727	CN 2003-808422	20030206
JP 2005530694	T2	20051013	JP 2003-569612	20030206
NZ 534710	A	20060630	NZ 2003-534710	20030206
ZA 2004006487	A	20050816	ZA 2004-6487	20040816
US 2006116414	A1	20060601	US 2005-504451	20050211
PRIORITY APPLN. INFO.:			DE 2002-10206794	A 20020219
			DE 2002-10215292	A 20020408

OTHER SOURCE(S) :
GI

MARPAT 139:180060

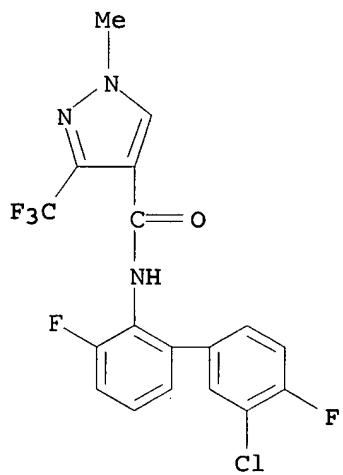


- AB** Title compds. [I; R = CHF₂, CF₃; R₁, R₂ = halo, cyano, NO₂, alkyl, alkenyl, (halo)alkoxy, (halo)alkylthio, alkylsulfonyl, cycloalkyl, haloalkyl, haloalkylsulfonyl; R₃ = F], were prepared. Thus, N-(2-bromo-6-fluorophenyl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (preparation given) and 3-chloro-4-fluorophenylboronic acid are suspended in a mixture of PhMe, EtOH, and saturated Na₂CO₃ under Ar atmospheric and exclusion of O₂ followed by heating with tetrakis(triphenylphosphine)palladium(0) for 1 h at 100° to give 96% N-(3'-chloro-3,4'-difluoro-1,1'-biphenyl-2-yl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide. The latter at 100 ppm gave 100% control of *Podosphaera leucotricha* on apple.
- IT** 581809-34-9P 581809-36-1P 581809-38-3P
581809-39-4P 581809-40-7P 581809-41-8P
581809-42-9P 581809-43-0P 581809-44-1P
581809-45-2P 581809-46-3P 581809-47-4P
581809-48-5P 581809-49-6P 581809-50-9P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
RN 581809-34-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-3-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



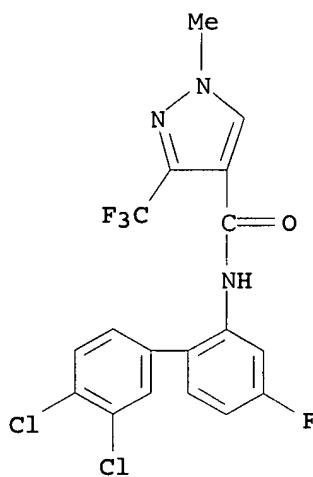
RN 581809-36-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-3,4'-difluorobiphenyl)-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



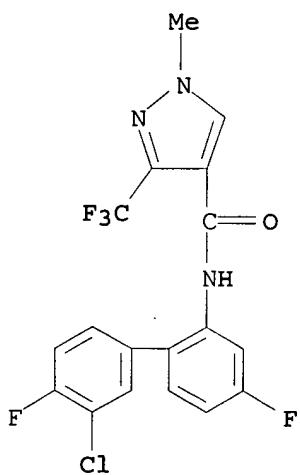
RN 581809-38-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluorobiphenyl)-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



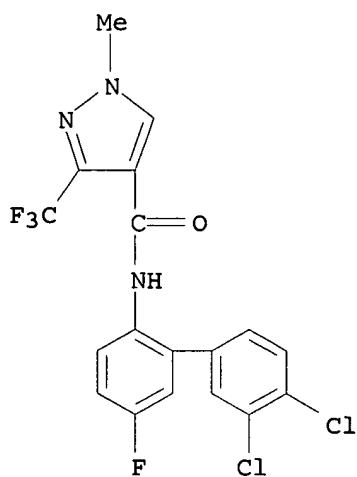
RN 581809-39-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4,4'-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



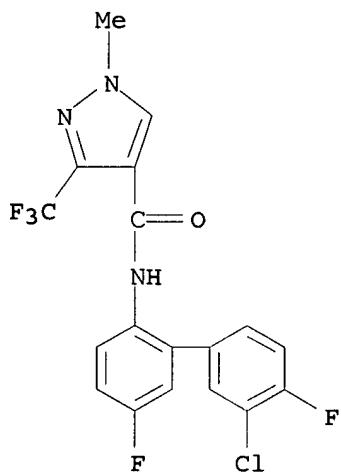
RN 581809-40-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



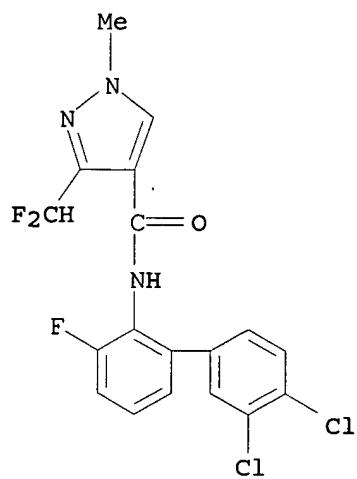
RN 581809-41-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4',5-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



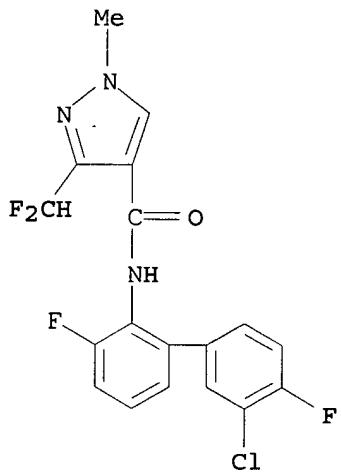
RN 581809-42-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-3-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



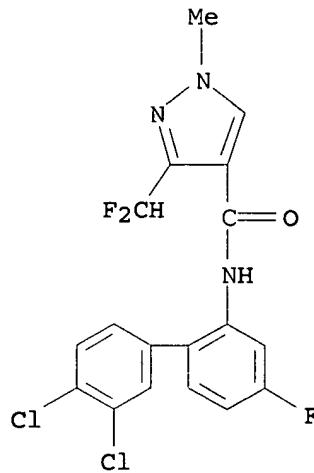
RN 581809-43-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-3,4'-difluorobiphenyl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

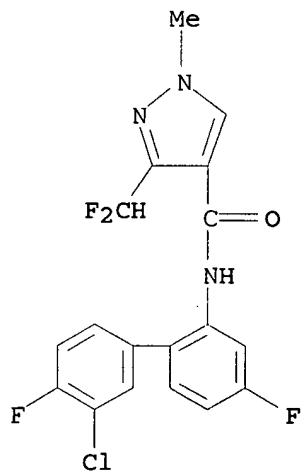


RN 581809-44-1 CAPLUS

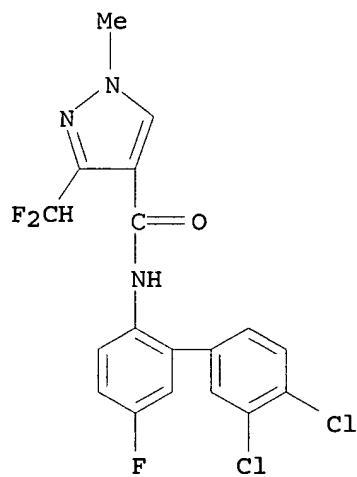
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-4-fluorobiphenyl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 581809-45-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4,4'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

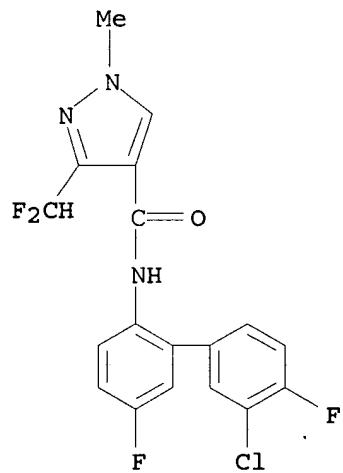


RN 581809-46-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



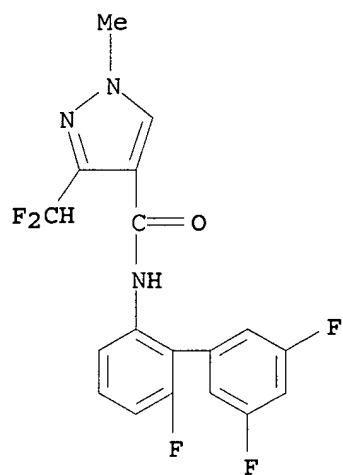
RN 581809-47-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4',5-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



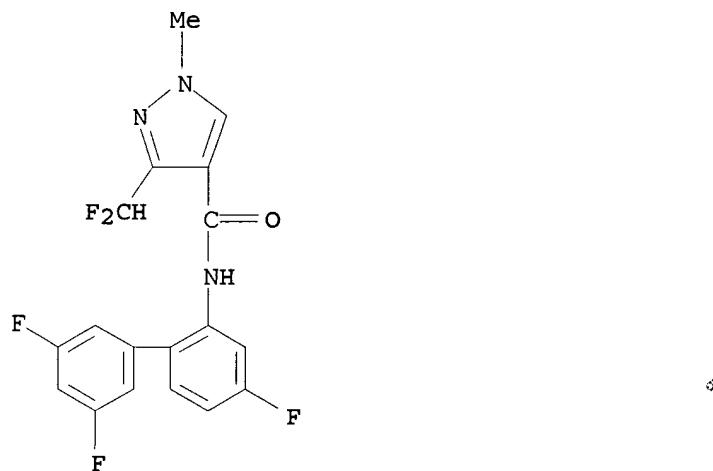
RN 581809-48-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',5',6-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



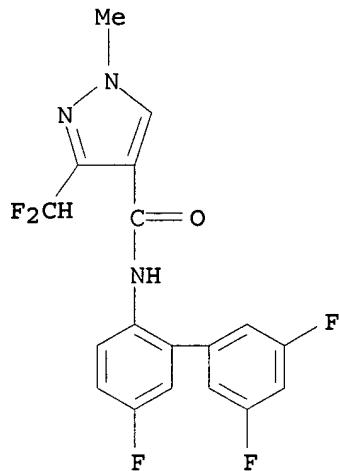
RN 581809-49-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4,5'-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



RN 581809-50-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',5,5'-trifluoro[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:927408 CAPLUS
 DOCUMENT NUMBER: 138:14057
 TITLE: Preparation of substituted anilide derivatives as agricultural and horticultural chemicals
 INVENTOR(S): Furuya, Takashi; Yamaguchi, Minoru; Tohnishi, Masanori; Seo, Akira; Morimoto, Masayuki; Takemoto, Tsuyoshi; Fujioka, Shinsuke
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096882	A1	20021205	WO 2002-JP5285	20020530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2447640	AA	20021205	CA 2002-2447640	20020530
JP 2003048878	A2	20030221	JP 2002-157757	20020530
EP 1400516	A1	20040324	EP 2002-730796	20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002009726	A	20040420	BR 2002-9726	20020530
CN 1512986	A	20040714	CN 2002-810844	20020530
RU 2266285	C2	20051220	RU 2003-134631	20020530
ZA 2003008813	A	20041123	ZA 2003-8813	20031112

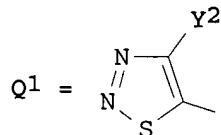
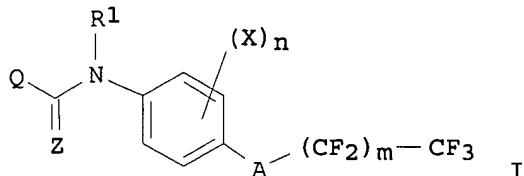
US 2004116744
PRIORITY APPLN. INFO.:

A1 20040617

US 2003-478834
JP 2001-164787
WO 2002-JP5285

20031126
A 20010531
W 20020530

OTHER SOURCE(S) : MARPAT 138:14057
GI



AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR2R3)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4; Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared. Aniline intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Compds. of this invention at 500 ppm gave $\geq 90\%$ control of *Tetranychus urticae*.

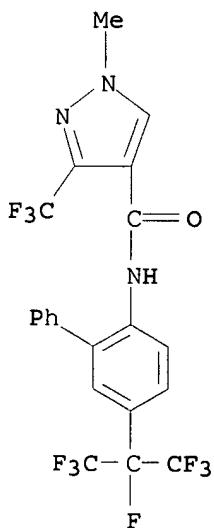
IT 477736-97-3P 477736-98-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted anilide derivs. as insecticides, acaricides, and fungicides)

RN 477736-97-3 CAPLUS

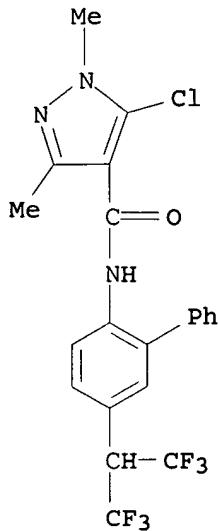
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[5-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



RN 477736-98-4 CAPLUS

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CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[5-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl][1,1'-biphenyl]-2-yl] - (9CI) (CA INDEX NAME)

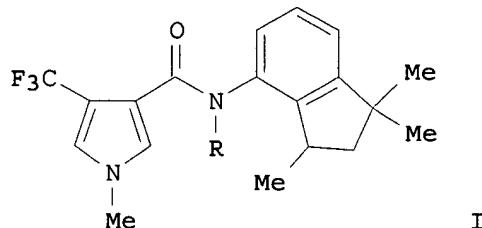


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

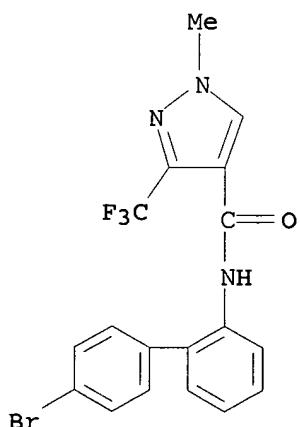
L4 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:575050 CAPLUS
 DOCUMENT NUMBER: 137:140520
 TITLE: Preparation of carboxamides as agrochemical fungicides
 INVENTOR(S): Walter, Harald; Trah, Stephan
 PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
 SOURCE: PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059086	A1	20020801	WO 2002-EP717	20020124
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2433819	AA	20020801	CA 2002-2433819	20020124
EP 1355879	A1	20031029	EP 2002-715469	20020124
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002006678	A	20040210	BR 2002-6678	20020124
CN 1498208	A	20040519	CN 2002-804178	20020124
JP 2004519464	T2	20040702	JP 2002-559388	20020124

ZA 2003005102 US 2004138265	A 20040825 A1 20040715	ZA 2003-5102 US 2004-470069 GB 2001-1996 WO 2002-EP717	20030630 20040112 A 20010125 W 20020124
PRIORITY APPLN. INFO.:			
OTHER SOURCE(S): GI		MARPAT 137:140520	



- AB The title compds. ACONR1Q [A = substituted pyrazol-4-yl, pyrrol-3-yl, thiazol-5-yl, etc.; Q = substituted Ph, thienyl, indan-4-yl, etc.; R1 = CH2CH:CH2, CH2C.tplbond.CH, COMe, etc.] which have plant-protective properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, in particular fungi, were prepared. Thus, N-alkylation of the amide I [R = H] with propargyl bromide in the presence of NaH in THF afforded the title amide I [R = CH2C.tplbond.CH] which exhibit strong efficacy (<20% infestation) in tests against Puccinia recondita/wheat and against Podosphaera leucotricha/apple. All the claimed compds. follow the author's nomenclature.
- IT 444618-54-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of carboxamides as agrochem. fungicides)
- RN 444618-54-6 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



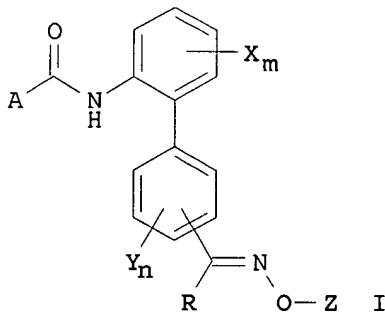
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:90017 CAPLUS
DOCUMENT NUMBER: 136:151158

TITLE: Preparation of N-biphenylcarboxamides as bactericides
 INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf;
 Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid;
 Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 164 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008197	A1	20020131	WO 2001-EP7981	20010711
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10122447	A1	20020418	DE 2001-10122447	20010509
EP 1305292	A1	20030502	EP 2001-956525	20010711
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001012676	A	20030624	BR 2001-12676	20010711
JP 2004504383	T2	20040212	JP 2002-514103	20010711
ZA 2003000633	A	20040212	ZA 2003-633	20030123
US 2004039043	A1	20040226	US 2003-333598	20030506
PRIORITY APPLN. INFO.:			DE 2000-10035857	A 20000724
			DE 2001-10122447	A 20010509
			WO 2001-EP7981	W 20010711

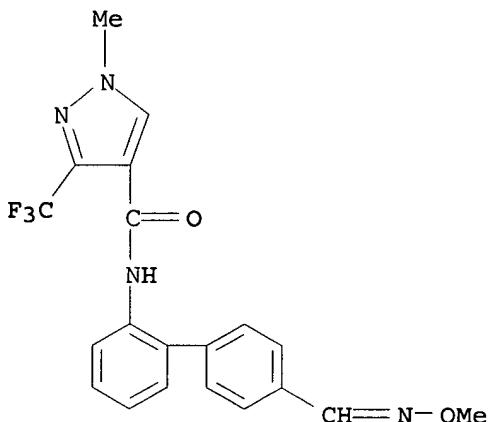
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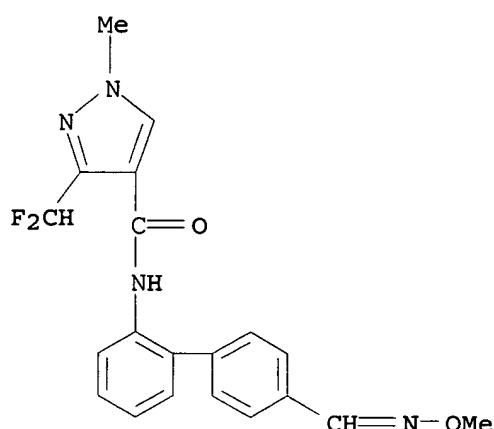
AB Title compds. [I; R = H, (halo)alkyl, cycloalkyl; Z = H, (halo)alkyl; X, Y = halo, NO₂, cyano, OH, CO₂H, cycloalkyl, alkoxy carbonyl, alkoxy imidoalkyl, (halo-substituted) alkyl, alkoxy, alkylthio, alkenyloxy, alkynyloxy, alkylsulfonyl, alkylsulfinyl; m = 0-3; n = 0-4; A = (substituted) 1H-pyrazol-4-yl, 2- or 3-thienyl, Ph, 3-pyridinyl, 3-pyranyl, 1,4-oxathia-3-yl, 2- or 3-thiopyranyl, 3-pyrrolyl, 3- or 2-furanyl, 5- or 4-thiazolyl, 4-isothiazolyl, 5-isoxazolyl, 2-pyrazinyl],

were prepared. Thus, a mixture of 2-(4-methoxyiminomethylphenyl)benzenamine (preparation given) and Et₃N in PhMe was stirred with 2-methyl-4-trifluoromethylthiazole-5-carbonyl chloride at room temperature followed by stirring for 2 h at 50° to give 74% N-[2-(4-methoxyimidomethylphenyl)phenyl]-2-methyl-4-trifluoromethylthiazole-5-carboxamide. Several I at 100 ppm gave 77-100% control of *Podosphaera leucotricha* on apple.

IT	393820-49-0P 393820-52-5P 393820-54-7P 393820-57-0P 393820-60-5P 393820-62-7P 393820-74-1P 393820-80-9P 393820-83-2P 393820-86-5P 393820-89-8P 393820-90-1P 393820-92-3P 393820-96-7P 393821-14-2P 393821-30-2P 393821-32-4P 393821-34-6P 393821-45-9P 393821-79-9P 393821-81-3P 393821-82-4P 393821-88-0P 393821-94-8P 393821-98-2P 393822-02-1P 393822-05-4P 393822-07-6P 393822-09-8P 393822-19-0P 393822-25-8P 393822-35-0P 393822-39-4P 393822-46-3P 393822-48-5P 393822-52-1P
	RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
	(preparation of N-biphenylcarboxamides as bactericides)
RN	393820-49-0 CAPLUS
CN	1H-Pyrazole-4-carboxamide, N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

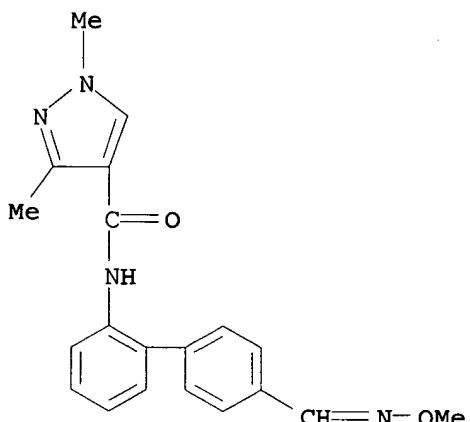


RN	393820-52-5 CAPLUS
CN	1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



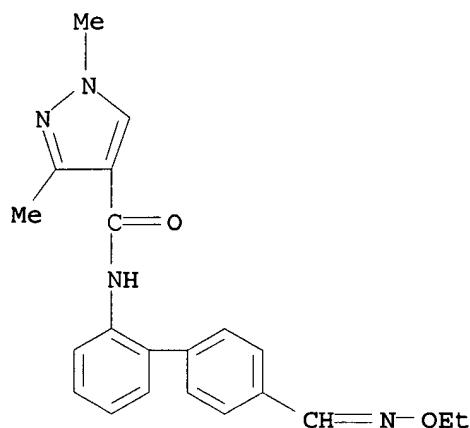
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CN 1H-Pyrazole-4-carboxamide, N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



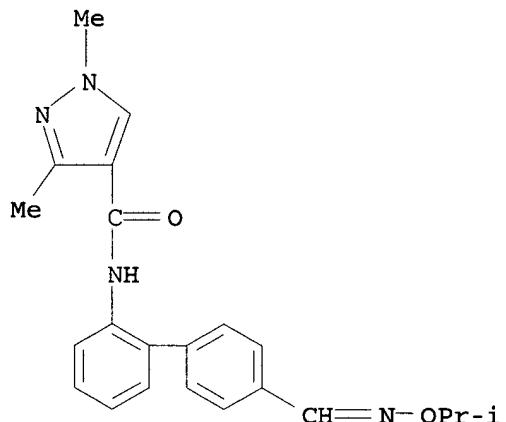
RN 393820-57-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



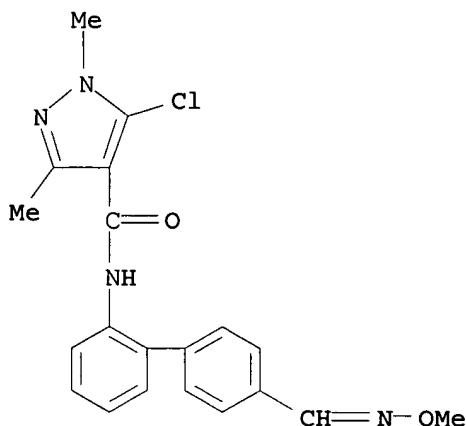
RN 393820-60-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-(1-methylethoxy)imino]methyl[1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



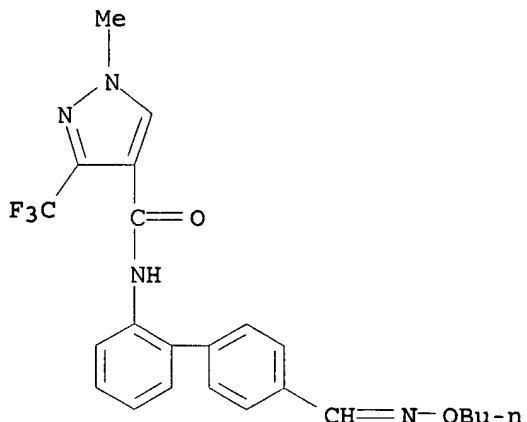
RN 393820-62-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl-1,3-dimethyl- (9CI) (CA INDEX NAME)



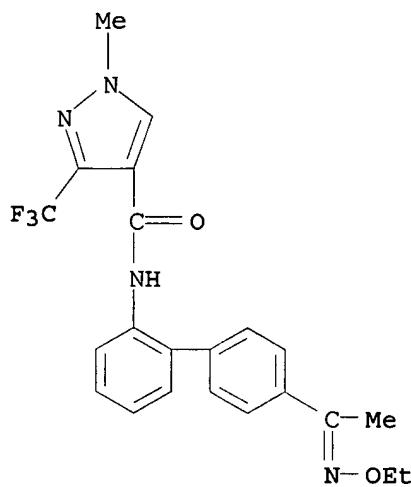
RN 393820-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(butoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



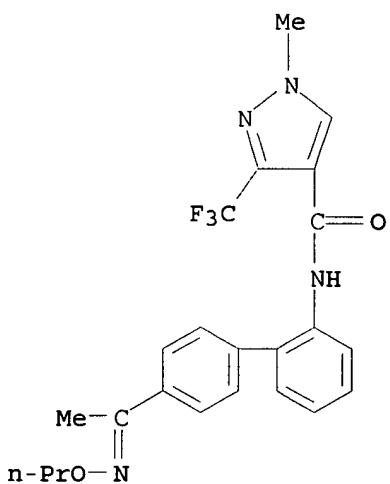
RN 393820-80-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



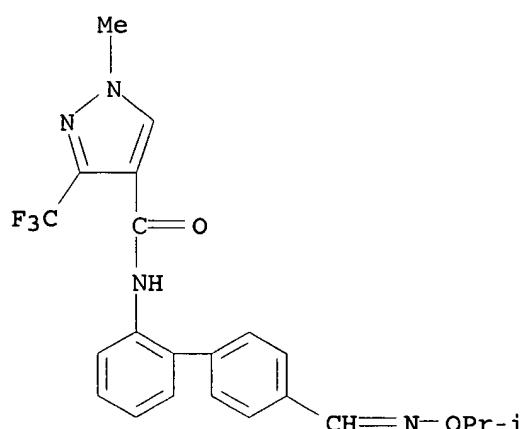
RN 393820-83-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-(trifluoromethyl)-1-oxo-2-phenylpropyl)imino]biphenyl-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



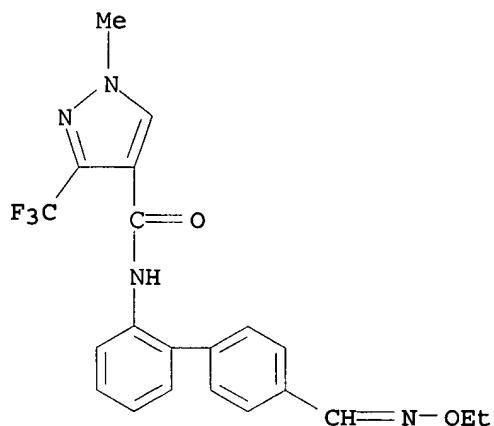
RN 393820-86-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-(methylmethoxyimino)methyl)biphenyl-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



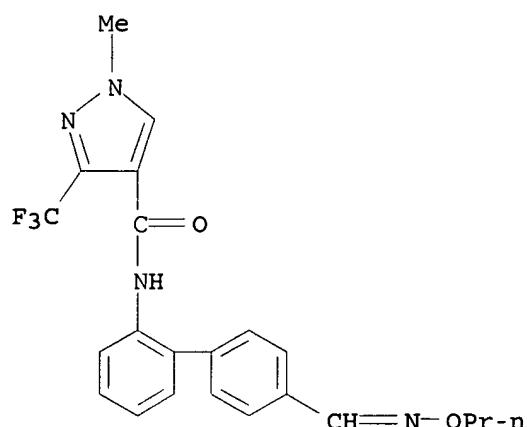
RN 393820-89-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



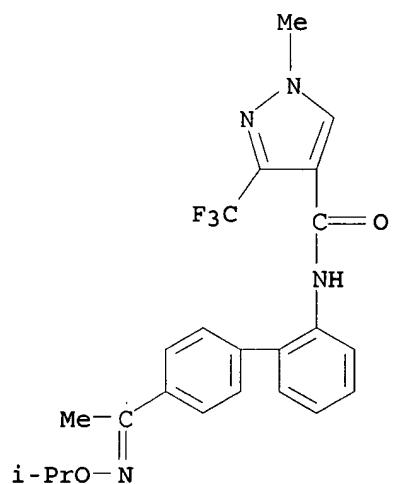
RN 393820-90-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(propoxyimino)methyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



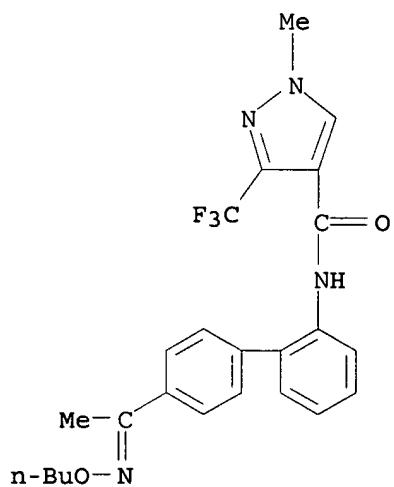
RN 393820-92-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[4'-(1-methylethoxy)iminoethyl][1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



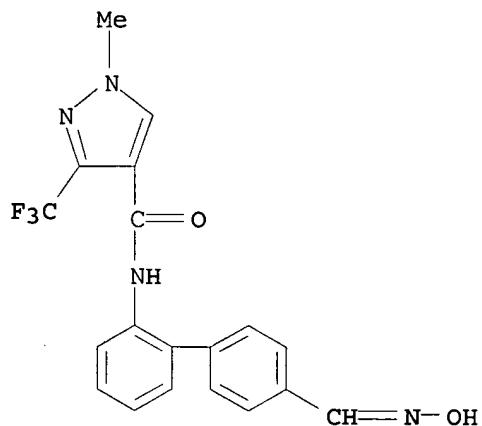
RN 393820-96-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(butoxyimino)ethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



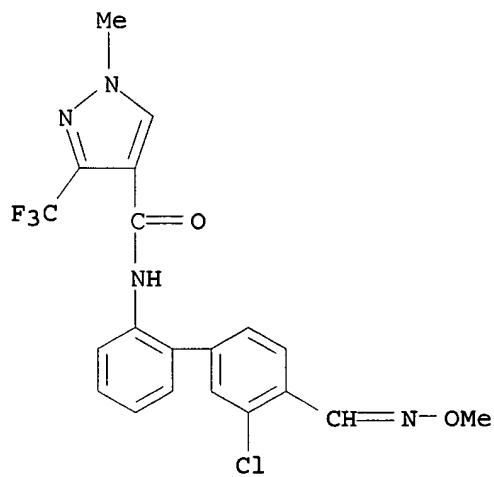
RN 393821-14-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(hydroxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



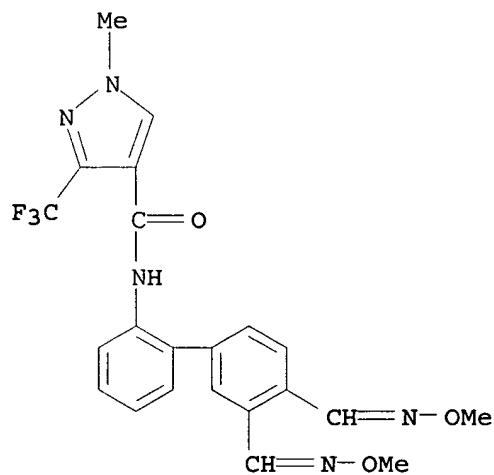
RN 393821-30-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



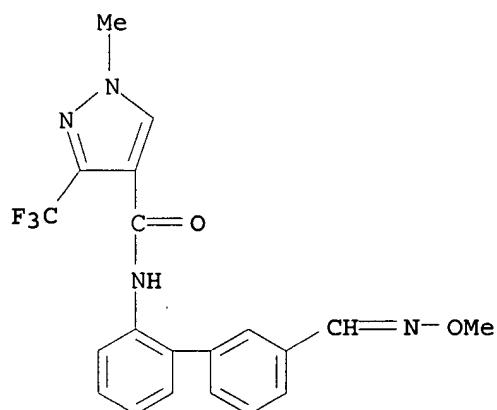
RN 393821-32-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3',4'-bis[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



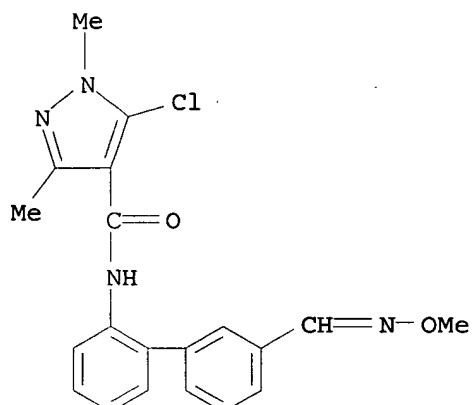
RN 393821-34-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



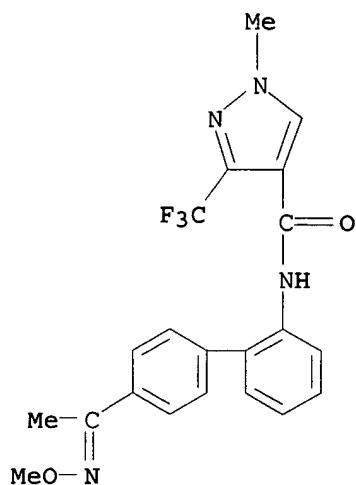
RN 393821-45-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



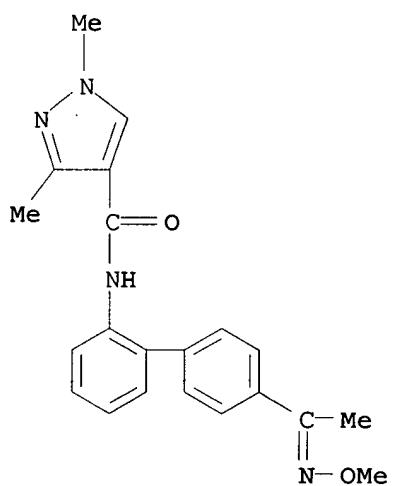
RN 393821-79-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(methoxyimino)ethyl)][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



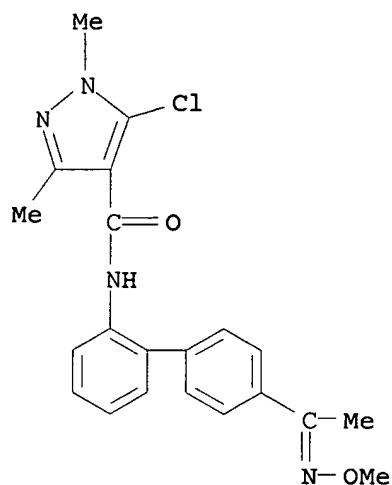
RN 393821-81-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(methoxyimino)ethyl)biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



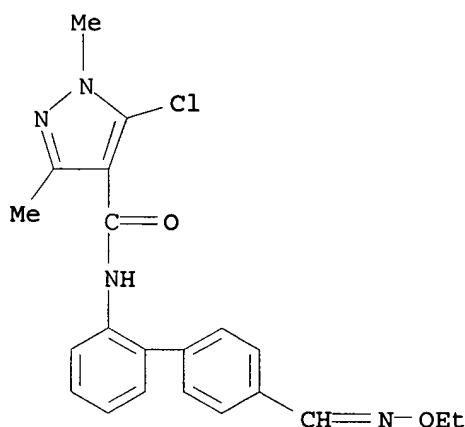
RN 393821-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[4'-(1-(methoxyimino)ethyl)biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



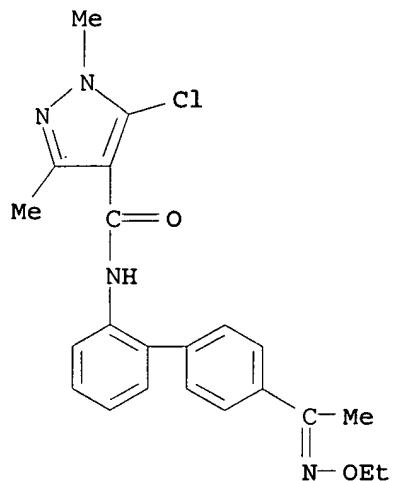
RN 393821-88-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[4'-(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



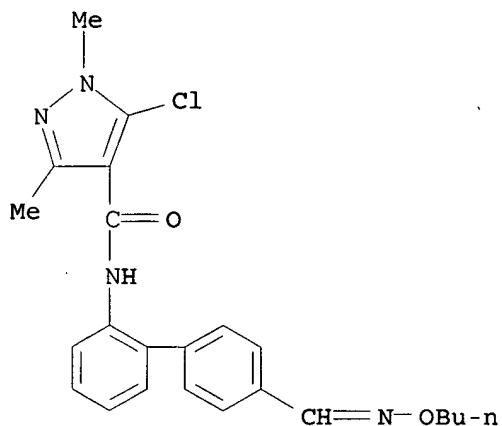
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CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[4'-(ethoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



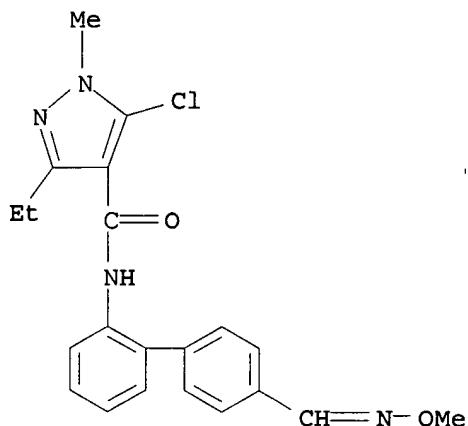
RN 393821-98-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoximino)methyl][1,1'-biphenyl]-2-yl]-5-chloro-1,3-dimethyl- (9CI) (CA INDEX NAME)



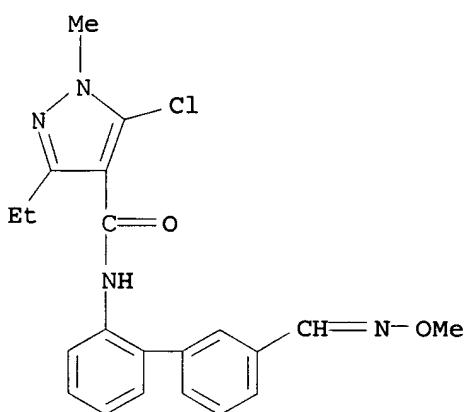
RN 393822-02-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-ethyl-N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



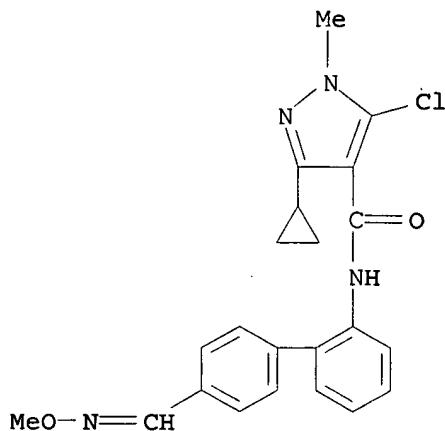
RN 393822-05-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-ethyl-N-[3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



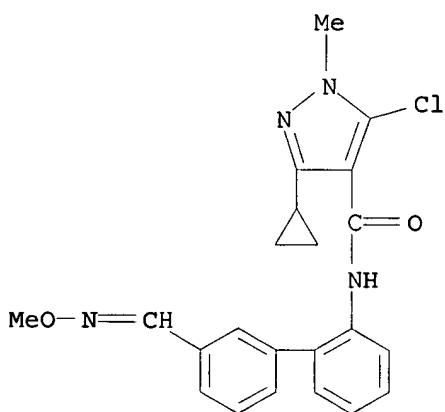
RN 393822-07-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-cyclopropyl-N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



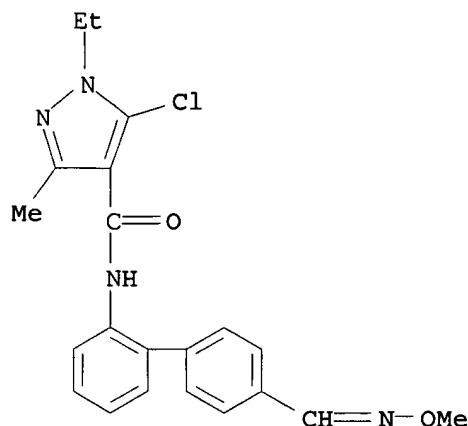
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CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-cyclopropyl-N-[3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



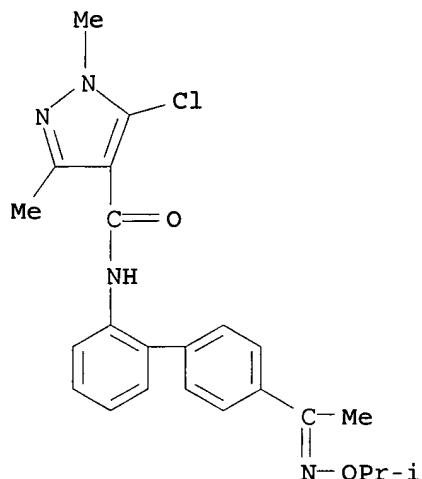
RN 393822-19-0 CAPLUS

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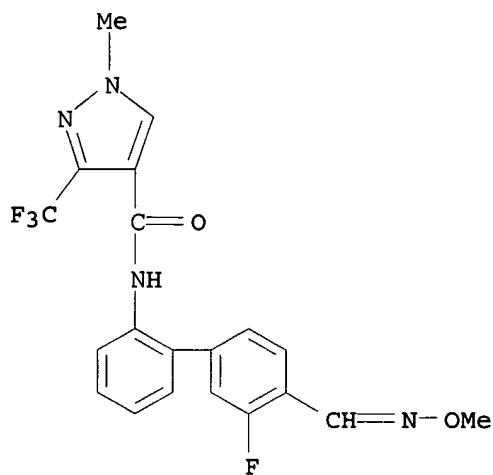
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CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[4'-(1-methylethoxy)iminoethyl][1,1'-biphenyl]-2-yl]-(9CI) (CA INDEX NAME)



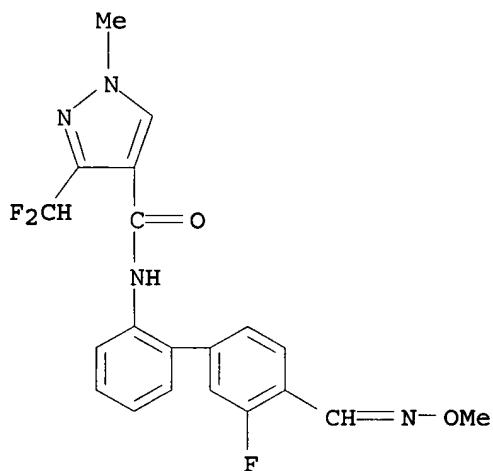
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CN 1H-Pyrazole-4-carboxamide, N-[3'-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)



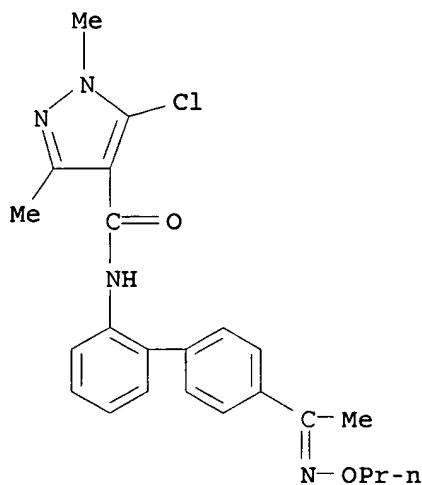
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[3'-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1-methyl- (9CI) (CA INDEX NAME)



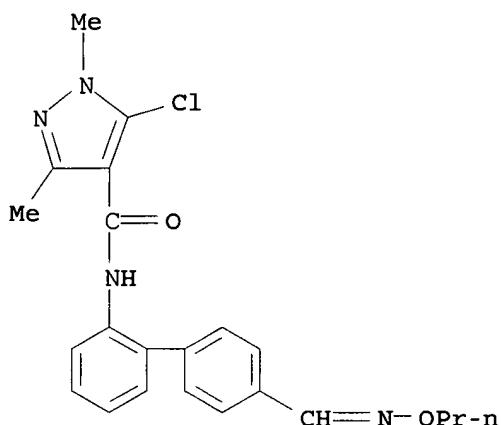
RN 393822-46-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[4'-(1-propoxyimino)ethyl][1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



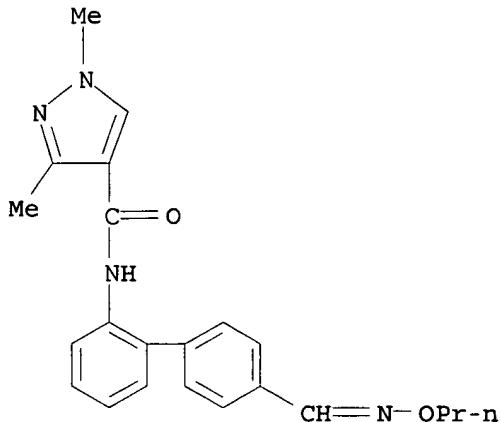
RN 393822-48-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[4'-(propoxyimino)methyl][1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



RN 393822-52-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[4'-(propoxyimino)methyl][1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

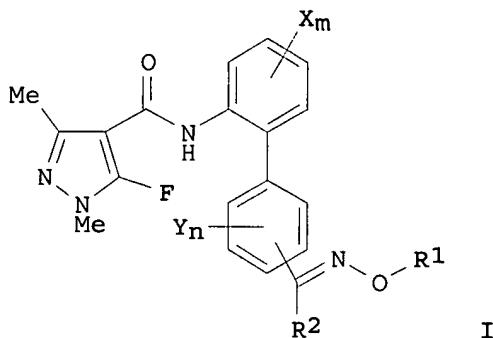
L4 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:90015 CAPLUS
 DOCUMENT NUMBER: 136:151162
 TITLE: Preparation of N-biphenylylpyrazolecarboxamides as bactericides
 INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf;
 Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid;
 Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 112 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008195	A1	20020131	WO 2001-EP7990	20010711
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JP 2004523467	T2	20040805	JP 2002-514102	20010711
ZA 2003000634	A	20040210	ZA 2003-634	20030123
US 2004053971	A1	20040318	US 2003-333510	20030618
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DE 2001-10122097 A 20010507
 WO 2001-EP7990 W 20010711
 US 2003-333510 A3 20030618

OTHER SOURCE(S) :
 GI

MARPAT 136:151162



AB Title compds. [I; R1 = H, (halo)alkyl, PhCH₂, pyridylmethyl; R2 = H, alkyl; X = halo, NO₂, cyano, OH, CO₂H, alkenyloxy, alkynyoxy, alkoxy carbonyl, C(R2):NOR1, (halo-substituted) alkyl, alkoxy, alkylthio; m = 0-3; Y = halo, NO₂, cyano, OH, CO₂H, alkenyloxy, alkynyoxy, alkoxy carbonyl, alkoxyimidoalkyl, (halo-substituted) alkyl, alkoxy, alkylthio; n = 0-4] were prepared. Thus, a mixture of N-[2-(4-acetylphenyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide, O-methylhydroxylamine hydrochloride, and AcONa in MeOH was stirred for 12 h at room temperature to give 85.4%

N-(2-[4-(1-methoxyimidoethyl)phenyl]phenyl)-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide. Several I at 100 ppm gave 94-100% control of Podosphaera leucotricha on apple.

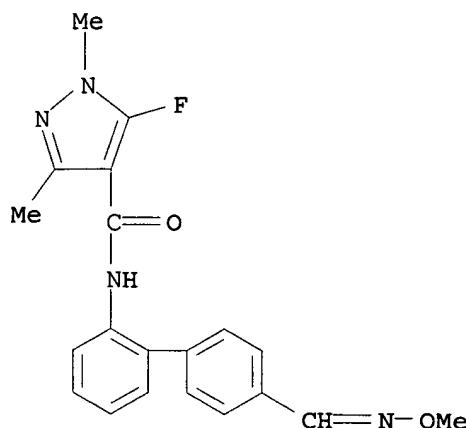
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 393877-45-7P 393877-46-8P 393877-47-9P
 393877-48-0P 393877-49-1P 393877-50-4P
 393877-51-5P 393877-52-6P 393877-53-7P
 393877-54-8P 393877-55-9P 393877-56-0P
 393877-57-1P 393877-58-2P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-biphenylpyrazolecarboxamides as bactericides)

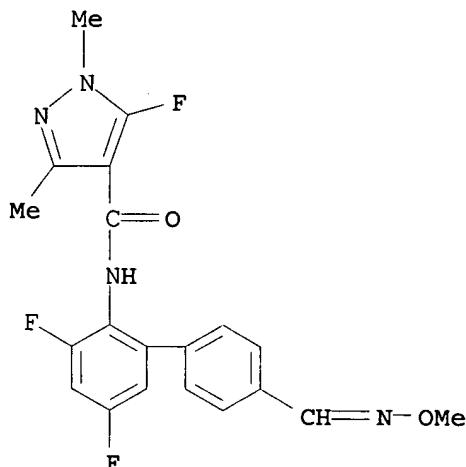
RN 393877-01-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



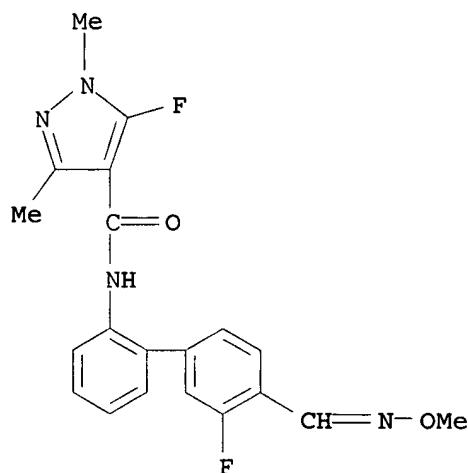
RN 393877-02-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



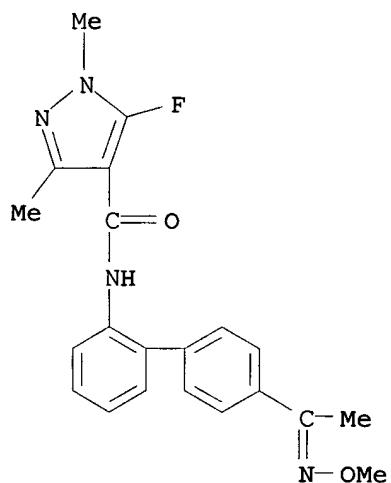
RN 393877-04-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



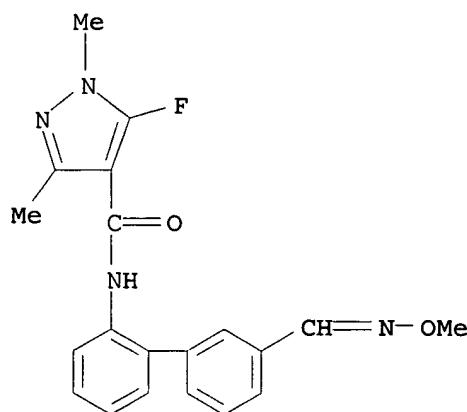
RN 393877-07-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



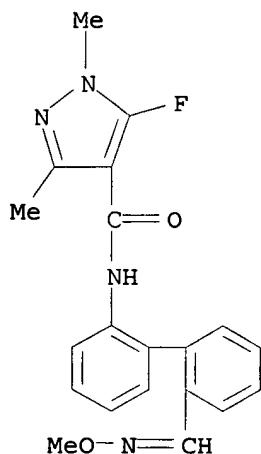
RN 393877-10-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



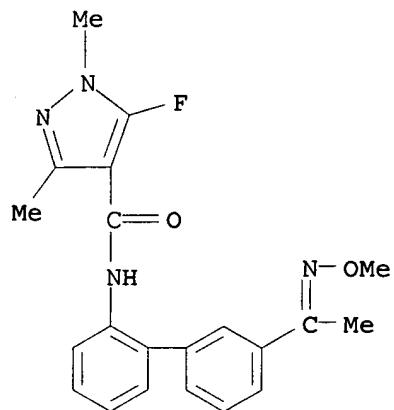
RN 393877-11-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[2'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



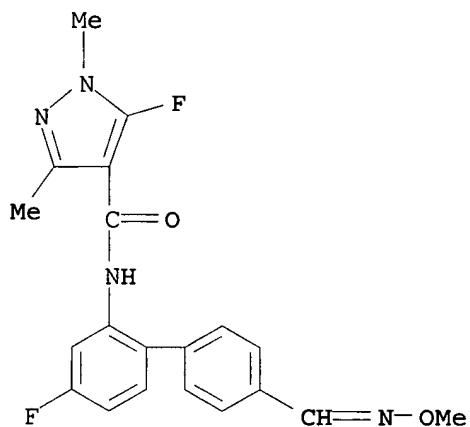
RN 393877-12-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-(methoxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



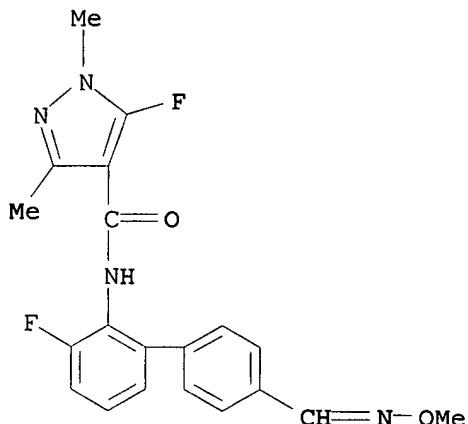
RN 393877-13-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



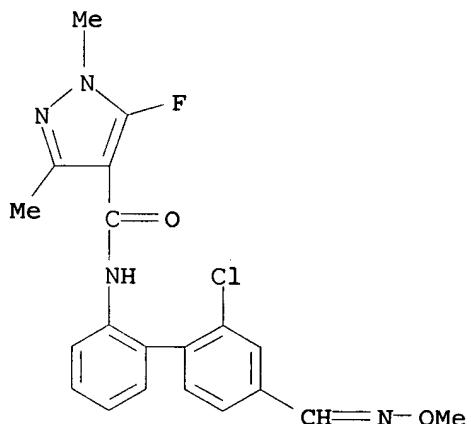
RN 393877-14-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



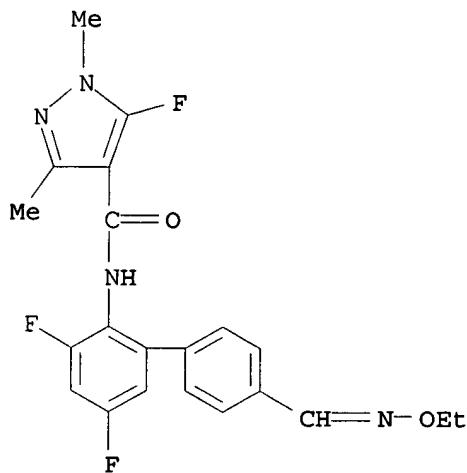
RN 393877-15-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2'-chloro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



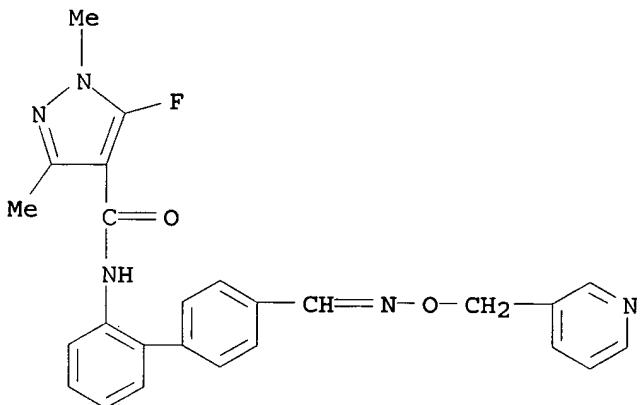
RN 393877-16-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl]-3,5-difluoro[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



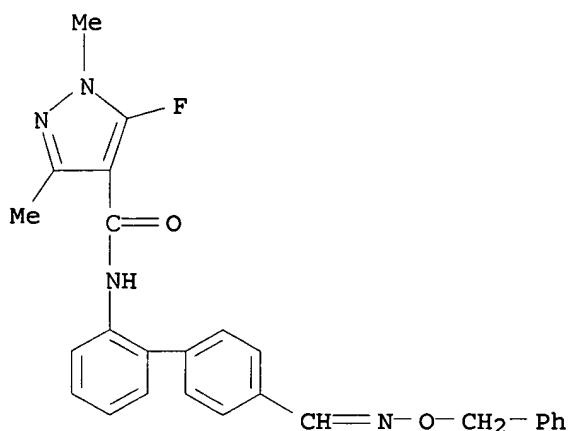
RN 393877-17-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(3-pyridinylmethoxy)imino]methyl[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



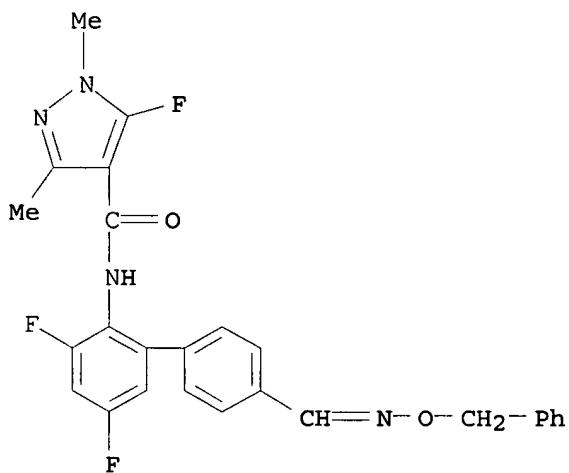
RN 393877-18-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(phenylmethoxy)imino]methyl[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



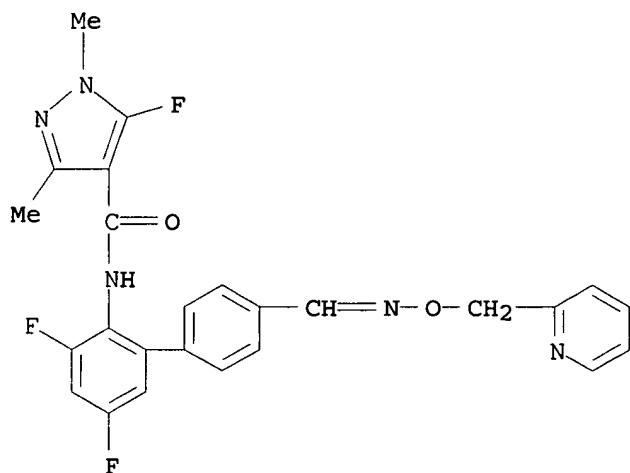
RN 393877-19-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-[(phenylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-
(9CI) (CA INDEX NAME)



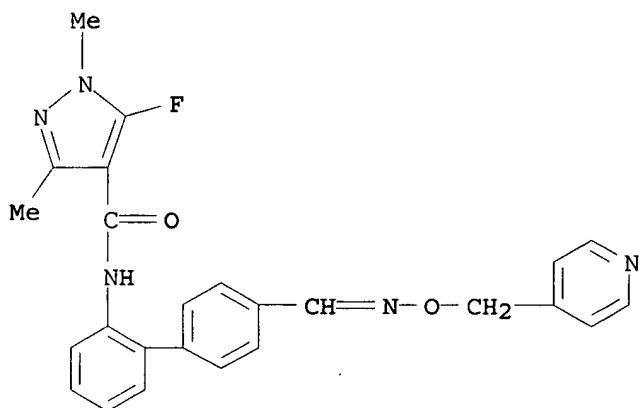
RN 393877-20-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-[(2-pyridinylmethoxy)imino]methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-
(9CI) (CA INDEX NAME)



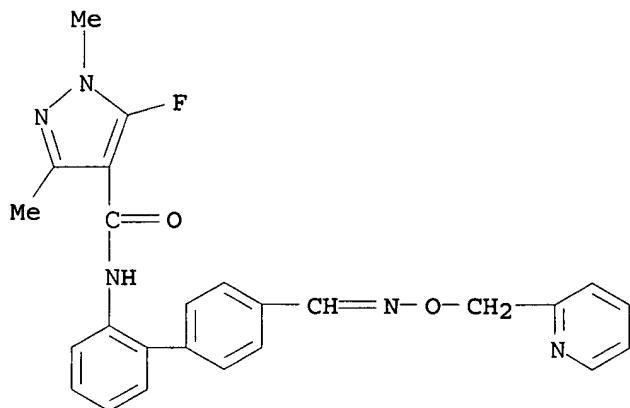
RN 393877-21-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(4-pyridinylmethoxy)imino]methyl]-[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



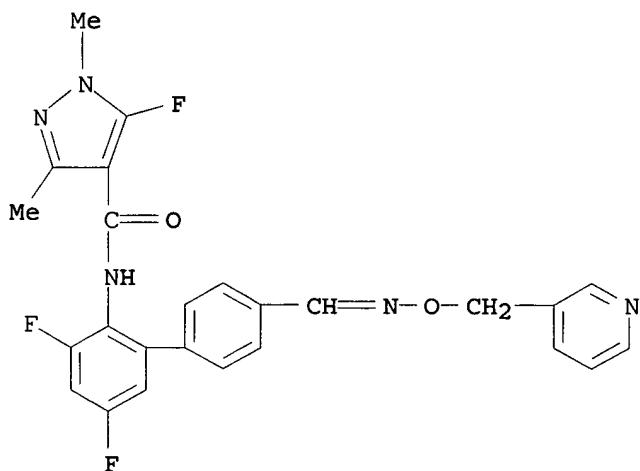
RN 393877-22-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(2-pyridinylmethoxy)imino]methyl]-[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



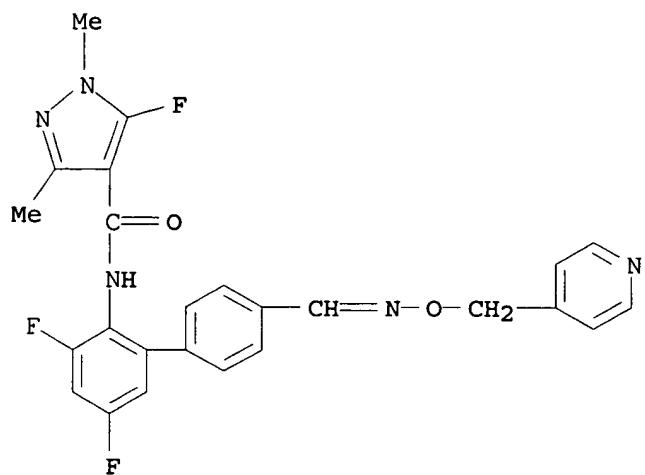
RN 393877-23-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-(3-pyridinylmethoxy)imino]methyl]-[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-
(9CI) (CA INDEX NAME)



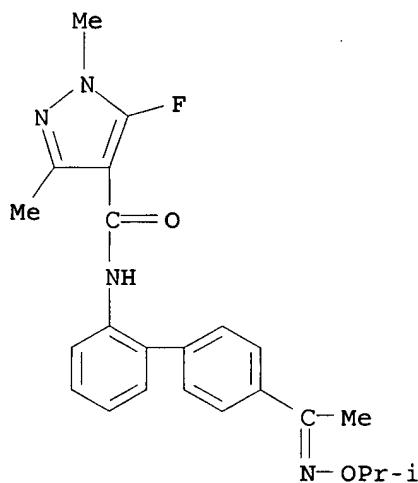
RN 393877-24-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3,5-difluoro-4'-(4-pyridinylmethoxy)imino]methyl]-[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl-
(9CI) (CA INDEX NAME)



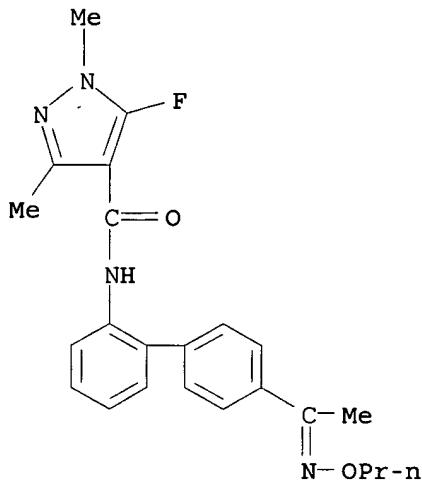
RN 393877-25-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(1-methylethoxy)imino]ethyl[1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



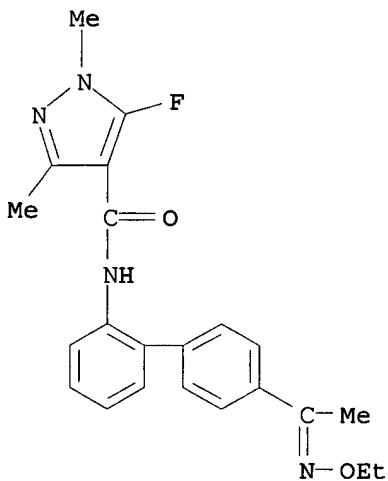
RN 393877-26-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(propoxymino)imino]ethyl[1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



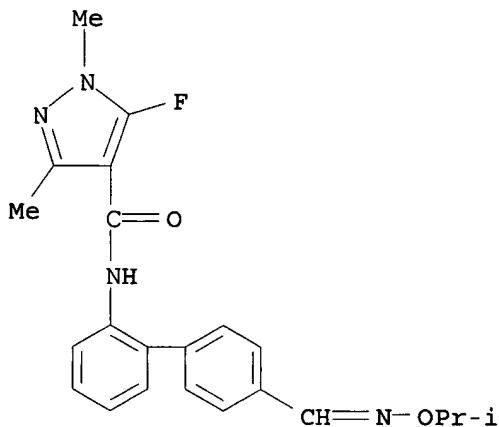
RN 393877-27-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(1-(ethoxyimino)ethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



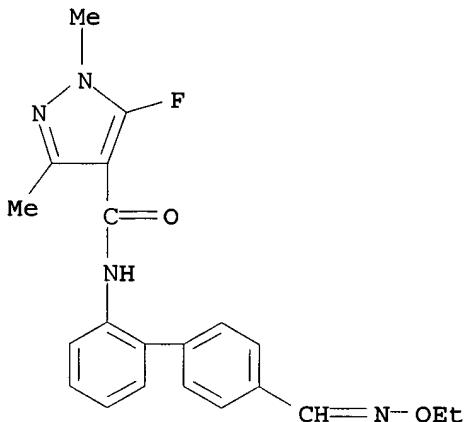
RN 393877-28-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(1-methylethoxyimino)methyl][1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



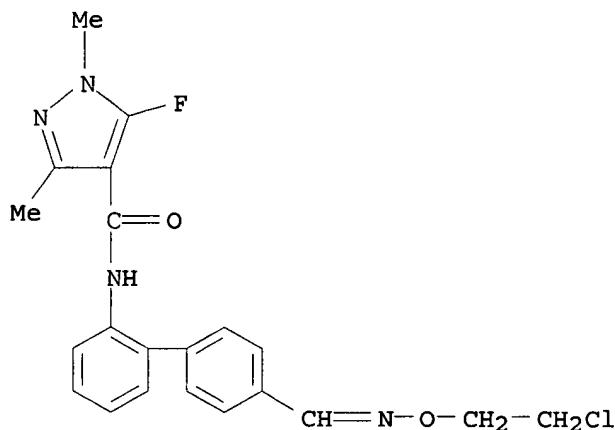
RN 393877-29-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



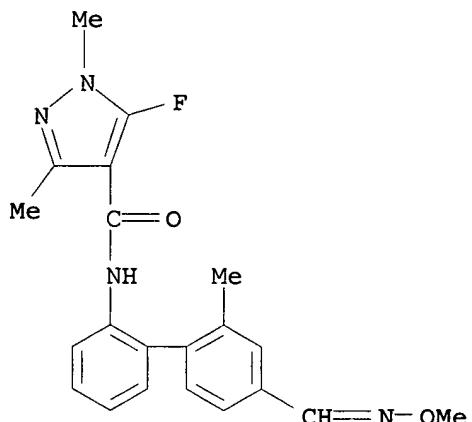
RN 393877-30-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(2-chloroethoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



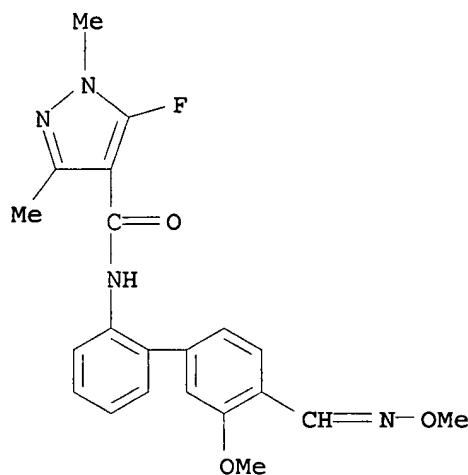
RN 393877-31-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl]-2'-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



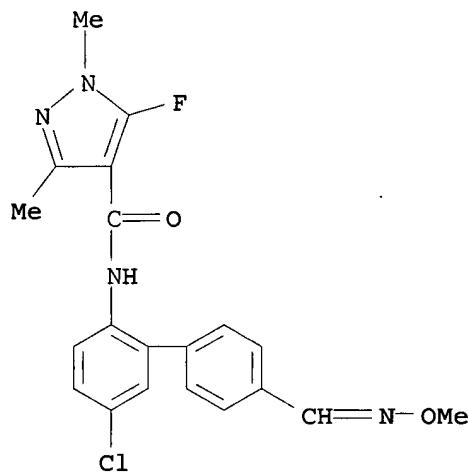
RN 393877-32-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-methoxy-4'-(methoxyimino)methyl]-[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



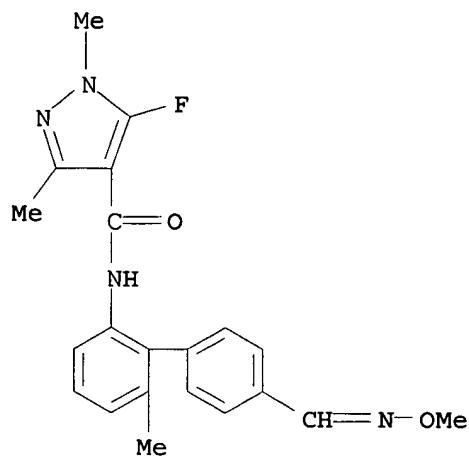
RN 393877-33-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[5-chloro-4'-(methoxyimino)methyl]-[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



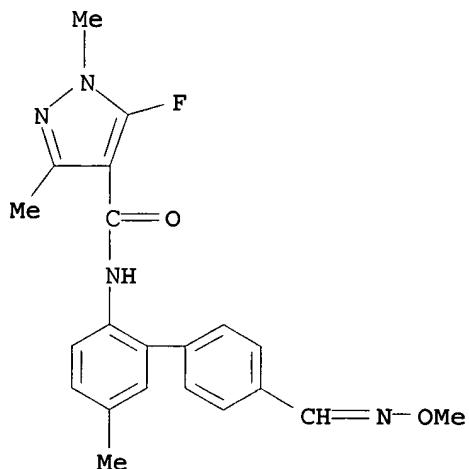
RN 393877-34-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl]-6-methyl-[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



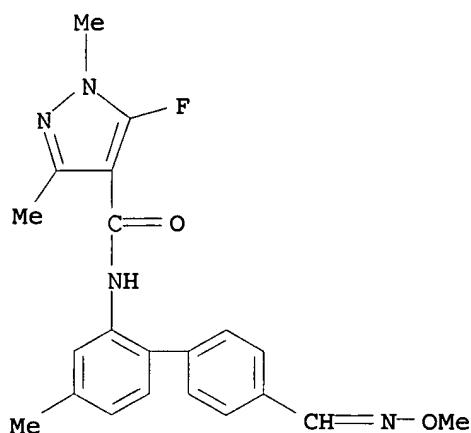
RN 393877-35-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl]-5-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



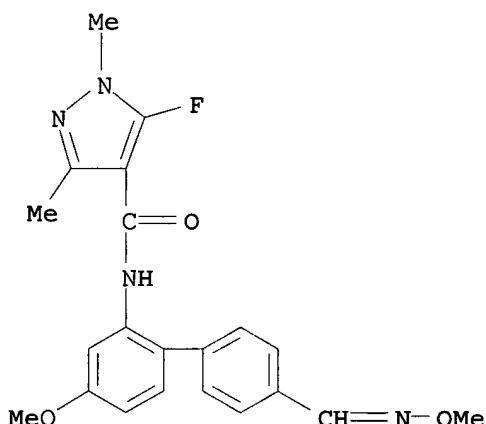
RN 393877-36-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl]-4-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



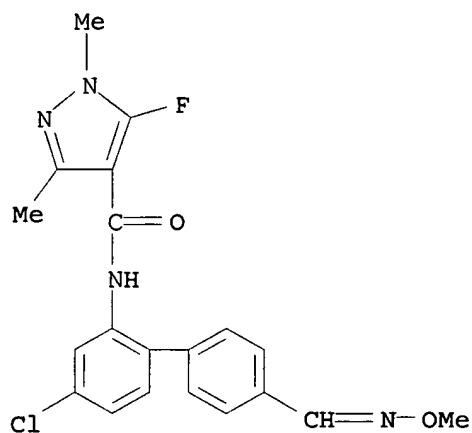
RN 393877-37-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-methoxy-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



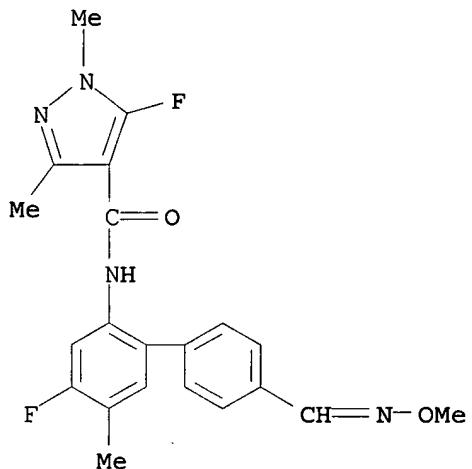
RN 393877-38-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



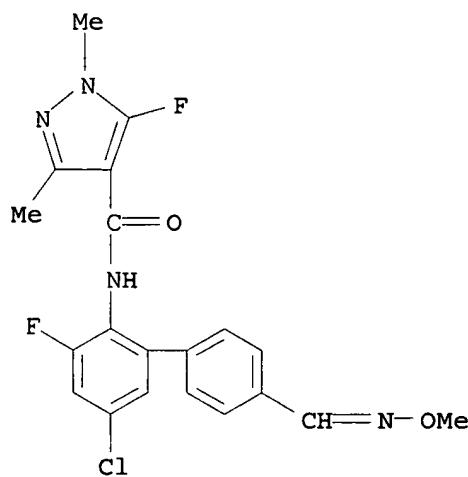
RN 393877-39-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4-fluoro-4'-(methoxyimino)methyl]-5-methyl[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



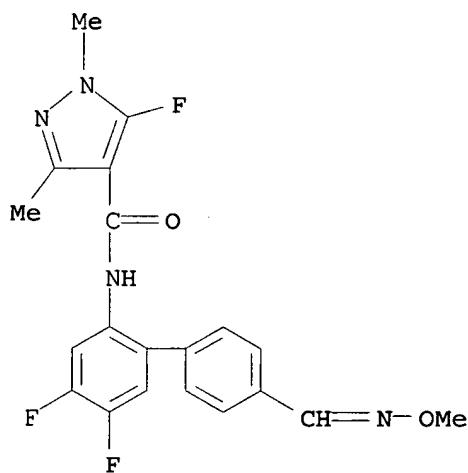
RN 393877-40-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[5-chloro-3-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



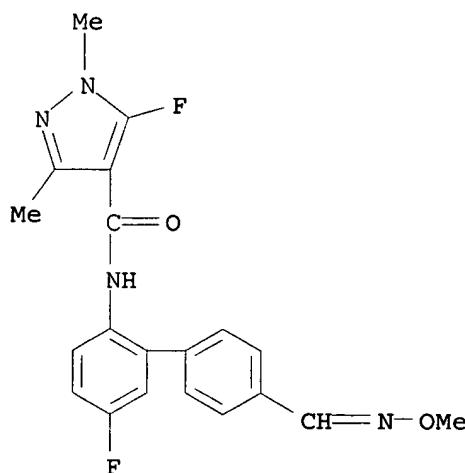
RN 393877-41-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4,5-difluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



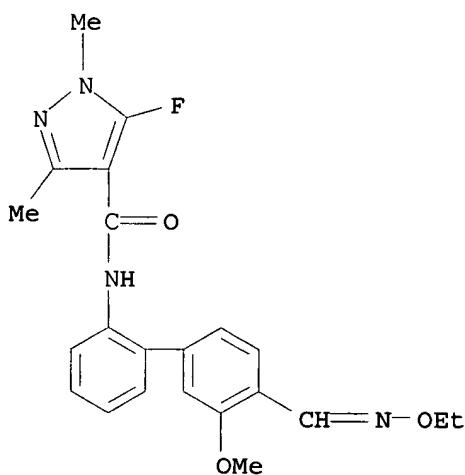
RN 393877-42-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[5-fluoro-4'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



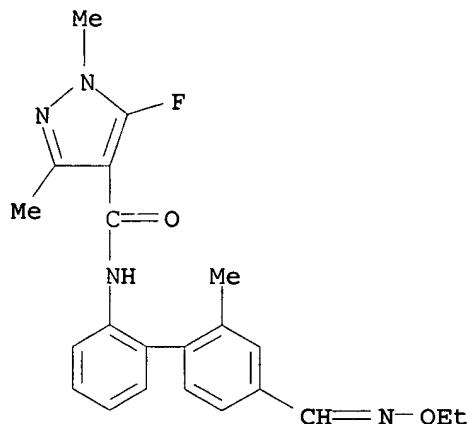
RN 393877-43-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl]-3'-methoxy[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



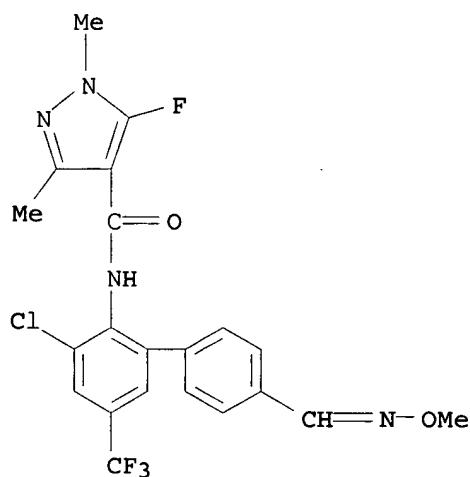
RN 393877-44-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(ethoxyimino)methyl]-2'-methyl[1,1'-biphenyl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



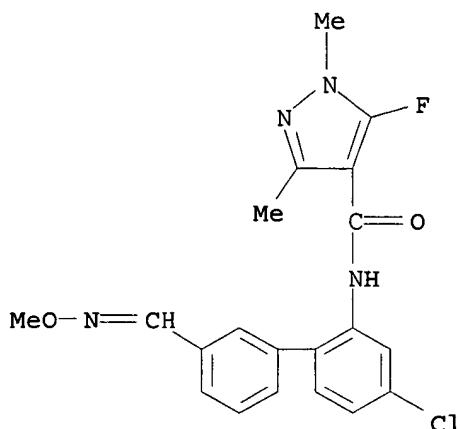
RN 393877-45-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3-chloro-4'-(methoxyimino)methyl]-5-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



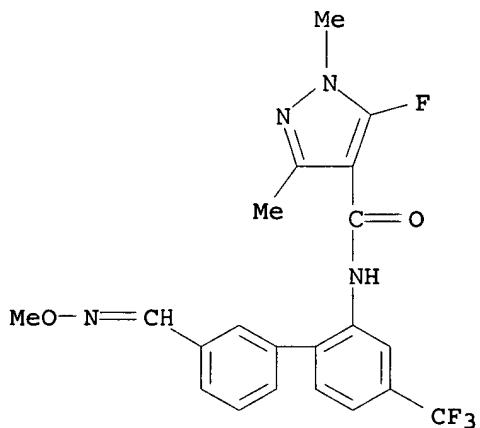
RN 393877-46-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-3'-(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



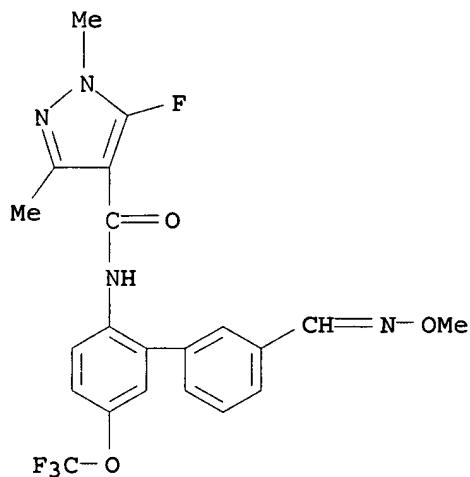
RN 393877-47-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-(methoxyimino)methyl]-4-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



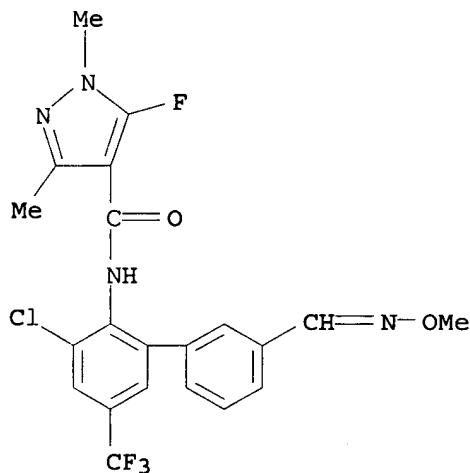
RN 393877-48-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[3'-(methoxyimino)methyl]-5-(trifluoromethoxy)-1,3-dimethyl- (9CI) (CA INDEX NAME)



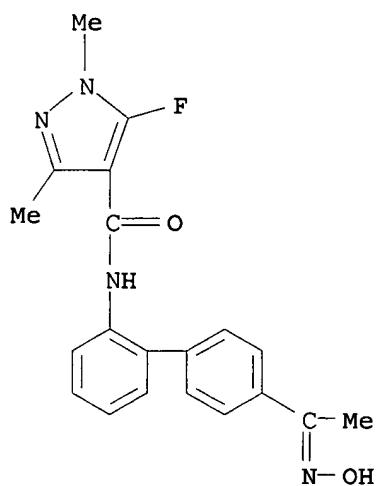
RN 393877-49-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3-chloro-3'-(methoxyimino)methyl]-5-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



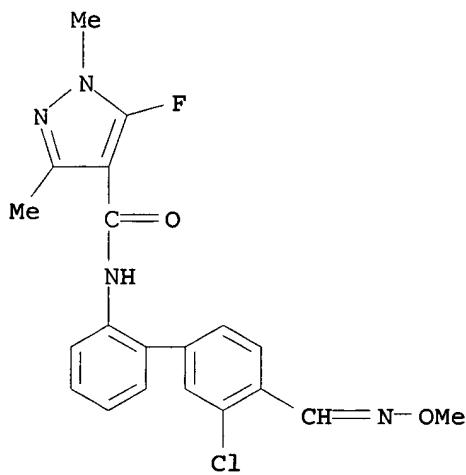
RN 393877-50-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(hydroxyimino)ethyl][1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



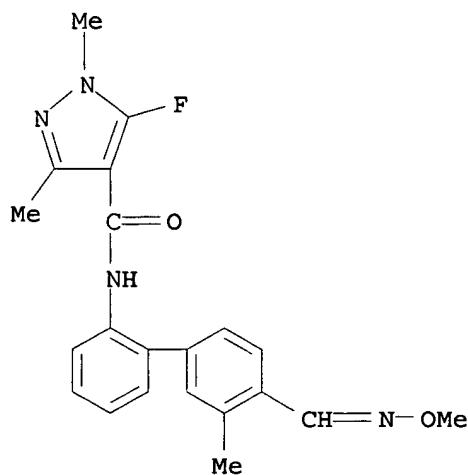
RN 393877-51-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-(methoxyimino)methyl]-[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



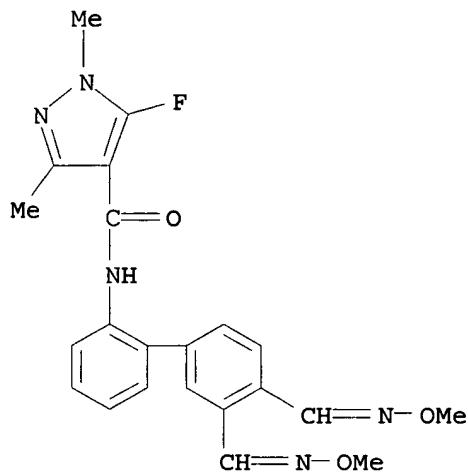
RN 393877-52-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[4'-(methoxyimino)methyl]-3'-methyl-[1,1'-biphenyl]-2-yl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



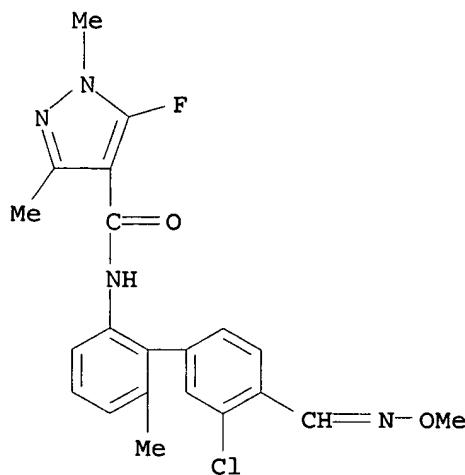
RN 393877-53-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3',4'-bis[(methoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



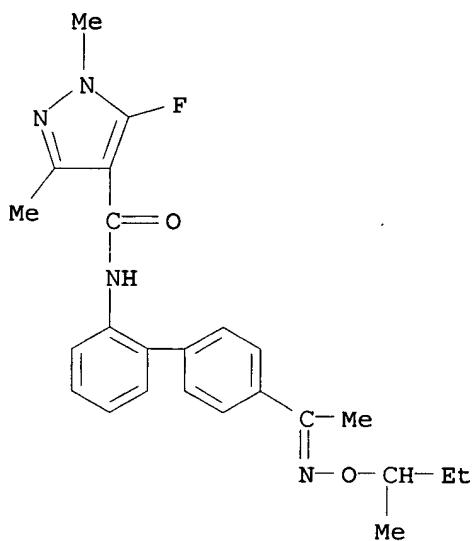
RN 393877-54-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[3'-chloro-4'-(methoxyimino)methyl]-6-methyl[1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



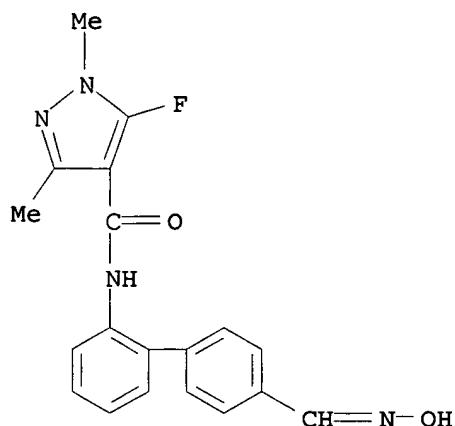
RN 393877-55-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[4'-(1-methylpropoxy)imino]ethyl [1,1'-biphenyl]-2-yl- (9CI) (CA INDEX NAME)



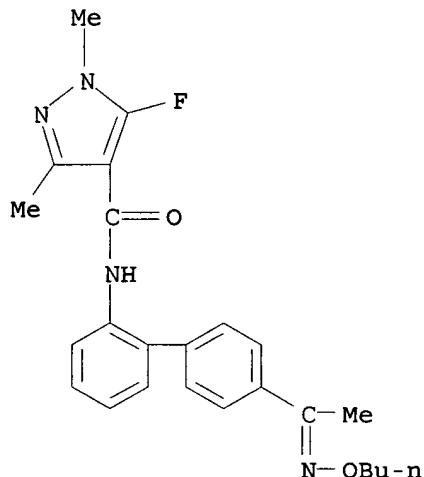
RN 393877-56-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[(hydroxyimino)methyl][1,1'-biphenyl]-2-yl-1,3-dimethyl- (9CI) (CA INDEX NAME)



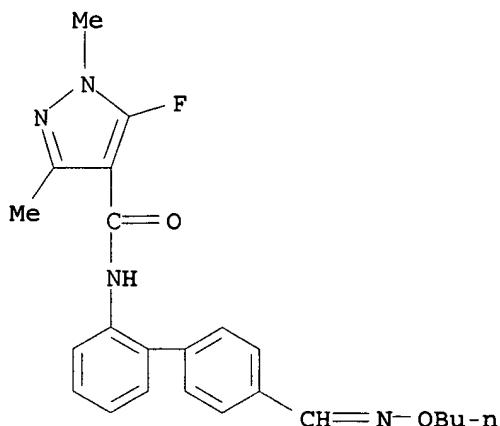
RN 393877-57-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(butoxyimino)ethyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

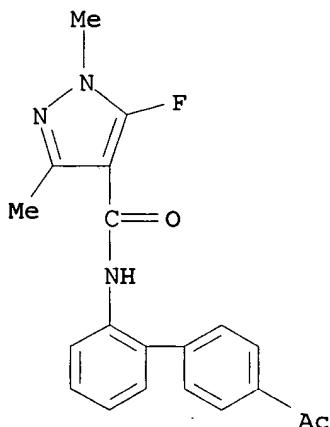


RN 393877-58-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4'-(butoxyimino)methyl][1,1'-biphenyl]-2-yl]-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



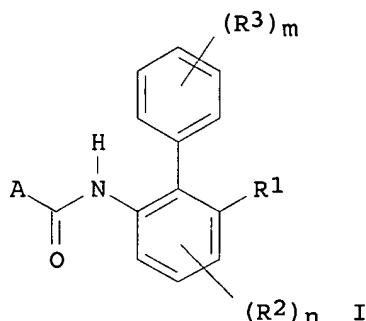
IT 393877-08-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of N-biphenylpyrazolecarboxamides as bactericides)
 RN 393877-08-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-acetyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:793427 CAPLUS
 DOCUMENT NUMBER: 135:331421
 TITLE: Preparation of biphenyl moiety-containing heterocyclic compounds as agrochemical fungicides
 INVENTOR(S): Sakaguchi, Hiroshi
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001302605	A2	20011031	JP 2000-119399 JP 2000-119399	20000420 20000420
PRIORITY APPLN. INFO.:				
OTHER SOURCE(S) :	MARPAT	135:331421		
GI				



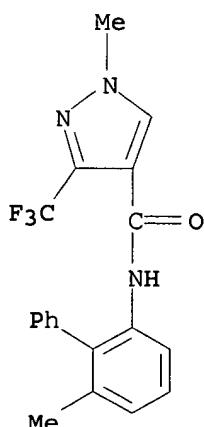
AB The title compds. I [R1 = alkyl, etc.; n = 0 - 3; R2 = F; m = 0 - 5; R3 = halo, alkyl, etc.; A = pyrazole moiety (generic structure given), etc.] are prepared N-(4'-Chloro-6-methylbiphenyl-2-yl)-1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxamide at 200 ppm gave complete control of Sphaerotheca fuliginea on cucumber.

IT 370070-20-5P 370070-21-6P 370070-22-7P
370070-23-8P 370070-24-9P 370070-25-0P
370070-26-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of biphenyl moiety-containing heterocyclic compds. as agrochem. fungicides)

RN 370070-20-5 CAPLUS

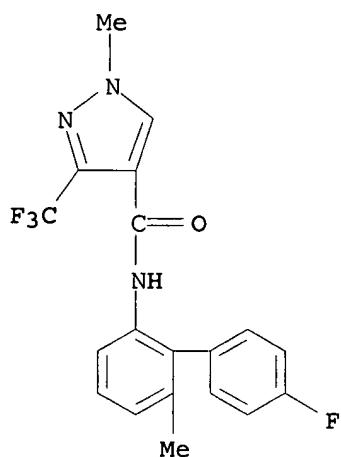
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-(6-methyl[1,1'-biphenyl]-2-yl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 370070-21-6 CAPLUS

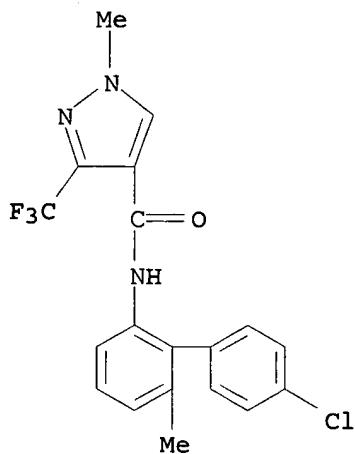
CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro-6-methyl[1,1'-biphenyl]-2-yl)-1-

methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



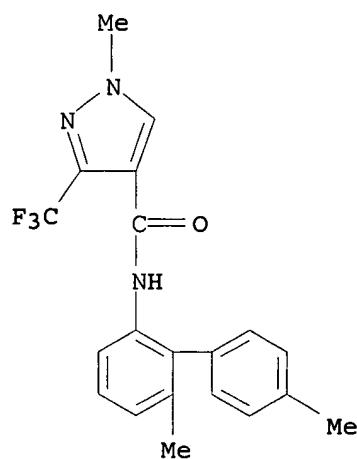
RN 370070-22-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



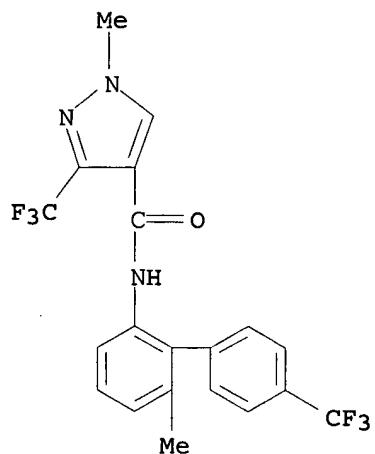
RN 370070-23-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',6-dimethyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



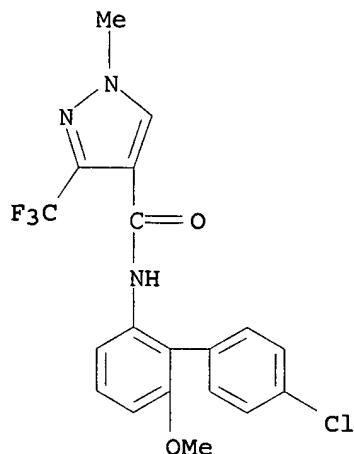
RN 370070-24-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[6-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



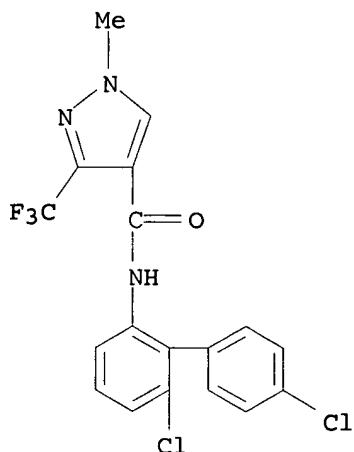
RN 370070-25-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methoxy[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 370070-26-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',6-dichloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:435054 CAPLUS

DOCUMENT NUMBER: 135:46177

TITLE: Pyrazolecarboxamides and pyrazolethioamides as agricultural fungicides

INVENTOR(S): Walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

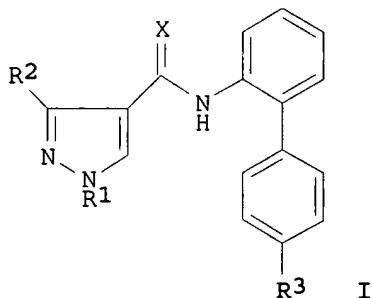
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
----- WO 2001042223	A1	20010614	WO 2000-EP11195	20001111

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2382921 AA 20010614 CA 2000-2382921 20001111
 BR 2000016203 A 20020813 BR 2000-16203 20001111
 EP 1235811 A1 20020904 EP 2000-981252 20001111
 EP 1235811 B1 20050601
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003516395 T2 20030513 JP 2001-543524 20001111
 NZ 518051 A 20031128 NZ 2000-518051 20001111
 AU 771389 B2 20040318 AU 2001-18569 20001111
 AT 296806 E 20050615 AT 2000-981252 20001111
 RU 2259356 C2 20050827 RU 2002-118334 20001111
 PT 1235811 T 20051031 PT 2000-981252 20001111
 ES 2241676 T3 20051101 ES 2000-981252 20001111
 ZA 2002004534 A 20030116 ZA 2002-4534 20020606
 PRIORITY APPLN. INFO.: GB 1999-29163 A 19991209
 GB 1999-29563 A 19991214
 WO 2000-EP11195 W 20001111

OTHER SOURCE(S): MARPAT 135:46177
GI



AB Pyrazolecarboxamides I [X = O, S; R1 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R2 = haloalkyl; R3 = halogen] were prepared for use in protecting plants against infestations by phytopathogenic microorganisms. Thus, I [X = O, R1 = Me, R2 = CF₃, R3 = Cl, II] was prepared by amidation or by Suzuki coupling of the N-2-chlorophenylamide with 4-ClC₆H₄B(OH)₂. II gave ≥95% control of Puccinia recondita on wheat at 0.02%.

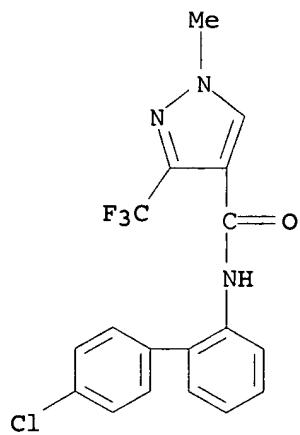
IT 344429-50-1P 344429-52-3P 344429-54-5P

344429-56-7P 344429-75-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazolecarboxamides and pyrazolethioamides as agricultural fungicides)

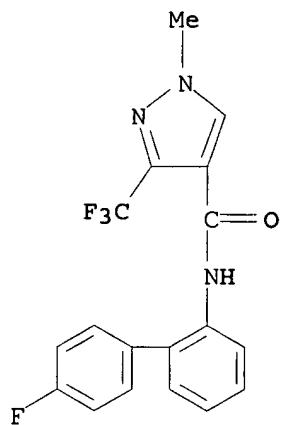
RN 344429-50-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



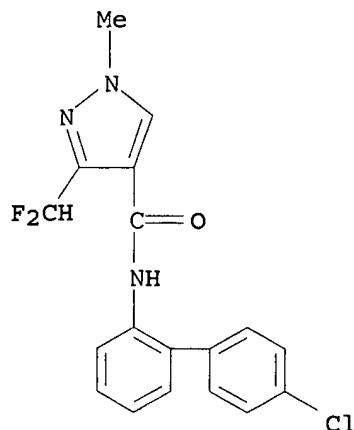
RN 344429-52-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



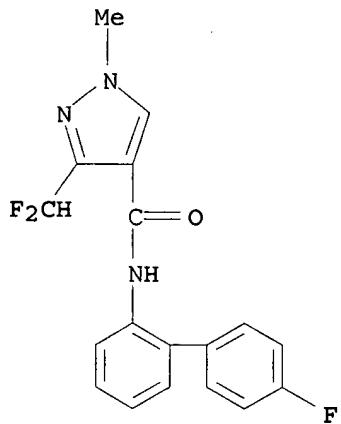
RN 344429-54-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



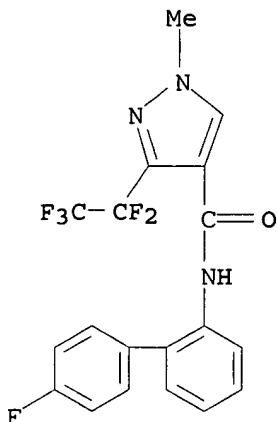
RN 344429-56-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1-methyl- (9CI) (CA INDEX NAME)



RN 344429-75-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)



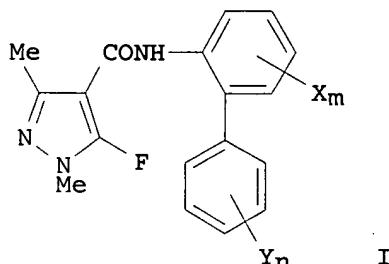
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:157897 CAPLUS
 DOCUMENT NUMBER: 132:180571
 TITLE: Pyrazolecarboxanilides
 INVENTOR(S): Elbe, Hans-Ludwig; Mauler-Machnik, Astrid; Stenzel, Klaus; Kuck, Karl-Heinz; Kugler, Martin; Jaetsch, Thomas
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 16 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19840322	A1	20000309	DE 1998-19840322	19980904
WO 2000014071	A2	20000316	WO 1999-EP6149	19990823
WO 2000014071	A3	20000713		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9959703	A1	20000327	AU 1999-59703	19990823
BR 9913383	A	20010522	BR 1999-13383	19990823
EP 1161420	A2	20011212	EP 1999-968665	19990823
EP 1161420	B1	20050511		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002524449	T2	20020806	JP 2000-568830	19990823
CN 1130348	B	20031210	CN 1999-810464	19990823
RU 2240314	C2	20041120	RU 2001-109236	19990823
AT 295353	E	20050515	AT 1999-968665	19990823
ES 2242449	T3	20051101	ES 1999-968665	19990823

ZA 2001001171	A 20020212	ZA 2001-1171	20010212
US 6369093	B1 20020409	US 2001-786211	20010301
HK 1045694	A1 20040910	HK 2002-107367	20021009
PRIORITY APPLN. INFO.:		DE 1998-19840322	A 19980904
		WO 1999-EP6149	W 19990823

OTHER SOURCE(S) : MARPAT 132:180571
GI



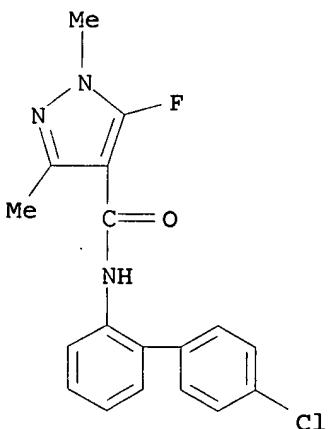
AB Pyrazolecarboxanilides I ($X, Y = \text{halo, NO}_2, \text{CN, OH, CO}_2\text{H, alkyl, alkoxy, haloalkoxy, alkenyloxy, alkynyoxy, etc.}; m, n = 0-3$) were prepared as antimicrobial agents. Thus, reaction of 2.5 g 2-(4-bromophenyl)aniline with 1.8 g 5-fluoro-1,3-dimethylpyrazole-4-carbonyl chloride in the presence of 1.0 g Et₃N in 30 mL toluene at room temperature gave a 41.2% yield of I ($X_m = \text{H}, Y_n = 4\text{-Br}$). The products showed antifungal activity on apple and cucumber plants.

IT 220507-00-6P 259187-98-9P 259187-99-0P
259188-00-6P 259188-01-7P 259188-03-9P
259188-04-0P 259188-09-5P 259188-10-8P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (arylpyrazolecarboxanilides as agricultural fungicides)

RN 220507-00-6 CAPLUS

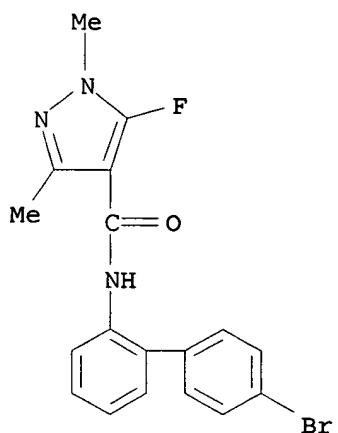
CN 1H-Pyrazole-4-carboxamide, N-(4'-chlorobiphenyl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 259187-98-9 CAPLUS

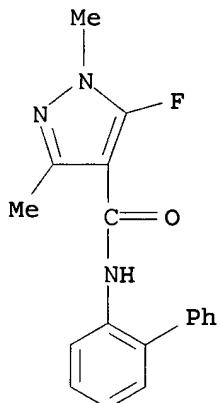
CN 1H-Pyrazole-4-carboxamide, N-(4'-bromo[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-

dimethyl- (9CI) (CA INDEX NAME)



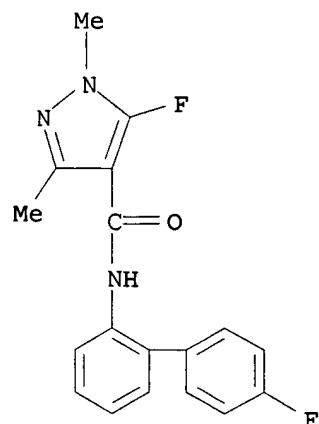
RN 259187-99-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[1,1'-biphenyl]-2-yl-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



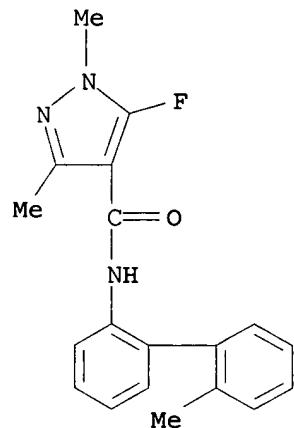
RN 259188-00-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4'-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



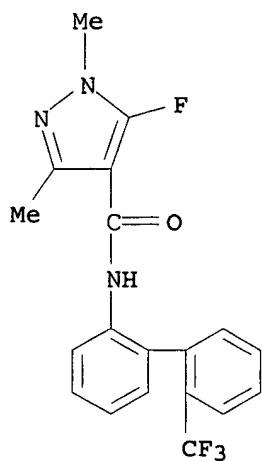
RN 259188-01-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(2'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



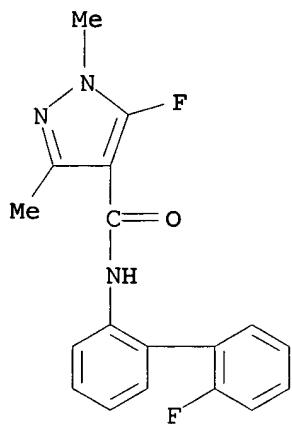
RN 259188-03-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)



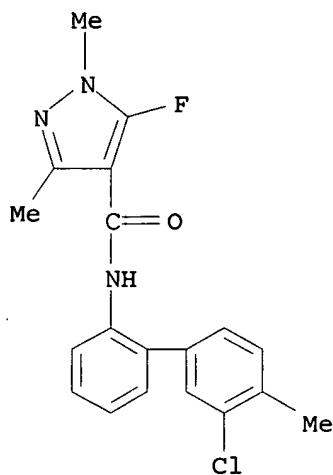
RN 259188-04-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(2'-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



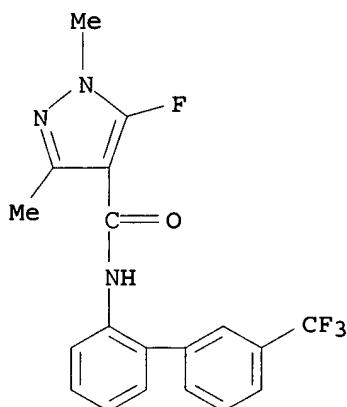
RN 259188-09-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro-4'-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 259188-10-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[3'-(trifluoromethyl)biphenyl]-2-yl- (9CI) (CA INDEX NAME)



IT 259188-02-8P 259188-05-1P 259188-06-2P

259188-07-3P 259188-08-4P 259188-11-9P

259188-12-0P 259188-13-1P 259188-14-2P

259188-15-3P 259188-16-4P 259188-17-5P

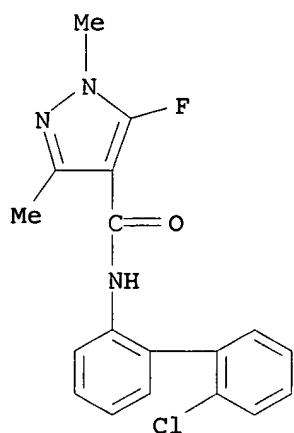
259188-18-6P 259188-19-7P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(arylpypyrazolecarboxanilides as agricultural fungicides)

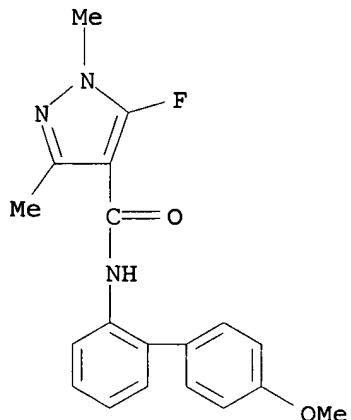
RN 259188-02-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2'-chloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



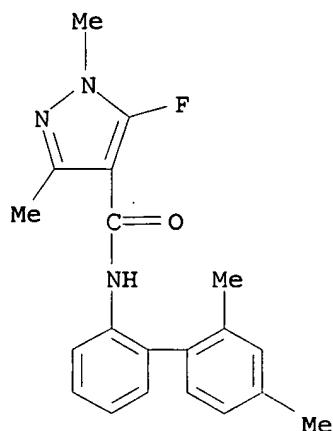
RN 259188-05-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4'-methoxy[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



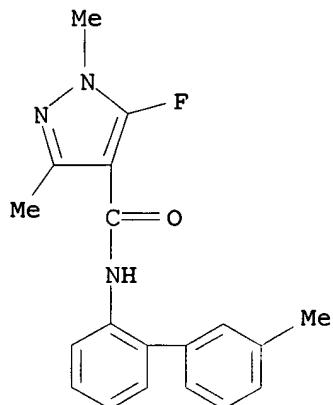
RN 259188-06-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',4'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



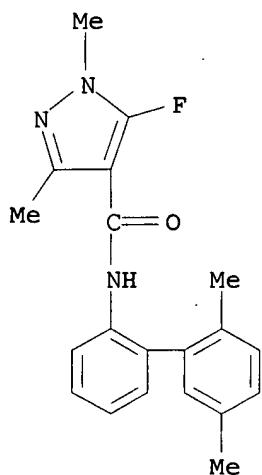
RN 259188-07-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(3'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



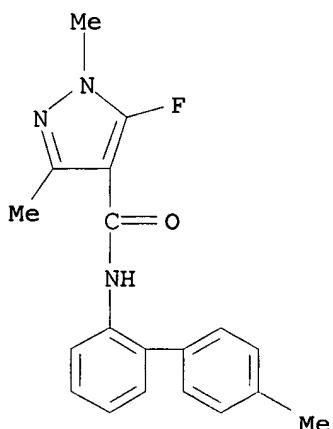
RN 259188-08-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',5'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



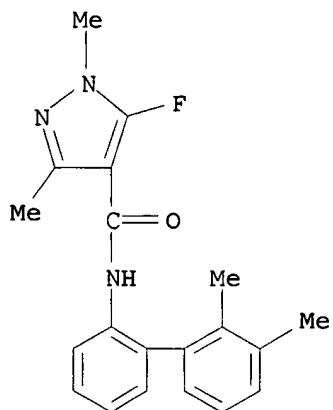
RN 259188-11-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(4'-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



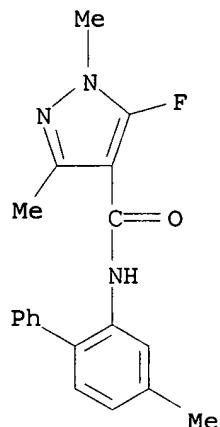
RN 259188-12-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2',3'-dimethyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



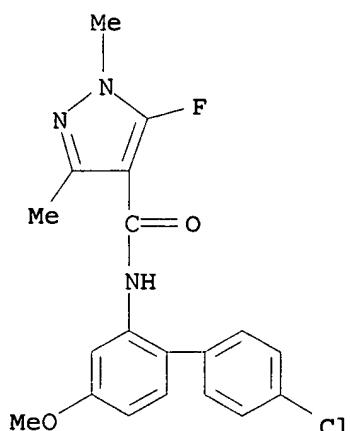
RN 259188-13-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(4-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



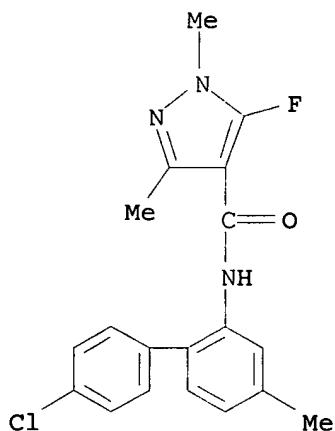
RN 259188-14-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-4-methoxy[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



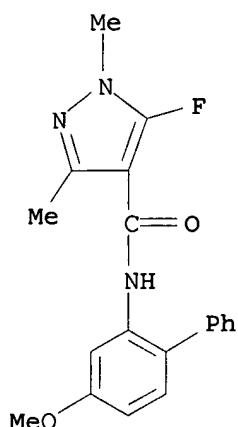
RN 259188-15-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-4-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



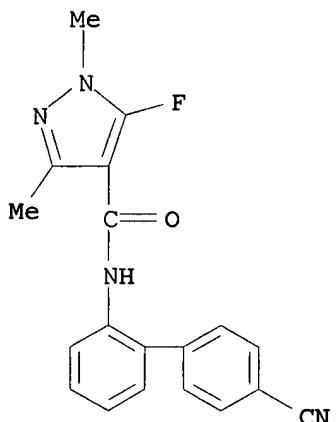
RN 259188-16-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(4-methoxy[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



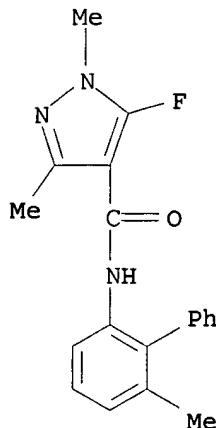
RN 259188-17-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-cyano[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)

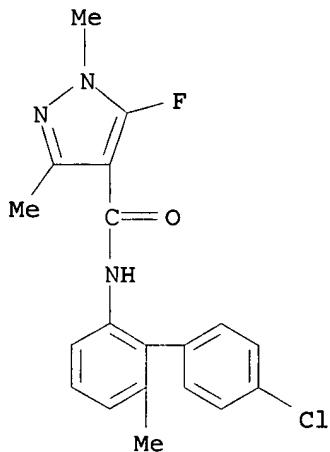


RN 259188-18-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-(6-methyl[1,1'-biphenyl]-2-yl)- (9CI) (CA INDEX NAME)



RN 259188-19-7 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-6-methyl[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:127111 CAPLUS
 DOCUMENT NUMBER: 130:182464
 TITLE: N-biphenylpyrazolecarboxamides as fungicides
 INVENTOR(S): Eicken, Karl; Rack, Michael; Wetterich, Frank;
 Ammermann, Eberhard; Lorenz, Gisela; Strathmann,
 Siegfried
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

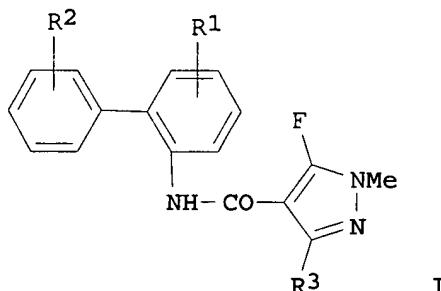
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19735224	A1	19990218	DE 1997-19735224	19970815

CA 2301093	AA 19990225	CA 1998-2301093	19980725
WO 9909013	A1 19990225	WO 1998-EP4663	19980725
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, KG, MD, TJ, TM			
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
AU 9890690	A1 19990308	AU 1998-90690	19980725
AU 750273	B2 20020711		
EP 1003725	A1 20000531	EP 1998-942623	19980725
EP 1003725	B1 20041229		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI			
BR 9811168	A 20000725	BR 1998-11168	19980725
NZ 502658	A 20010831	NZ 1998-502658	19980725
JP 2001515068	T2 20010918	JP 2000-509696	19980725
CN 1127485	B 20031112	CN 1998-808180	19980725
RU 2225400	C2 20040310	RU 2000-106058	19980725
AT 286027	E 20050115	AT 1998-942623	19980725
PT 1003725	T 20050531	PT 1998-942623	19980725
ES 2236934	T3 20050716	ES 1998-942623	19980725
ZA 9807360	A 20000217	ZA 1998-7360	19980817
MX 200001332	A 20001108	MX 2000-1332	20000207
US 6147104	A 20001114	US 2000-485403	20000210
PRIORITY APPLN. INFO.:		DE 1997-19735224	A 19970815
		WO 1998-EP4663	W 19980725

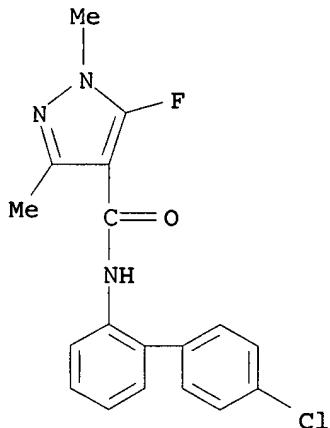
OTHER SOURCE(S) :

MARPAT 130:182464

GI

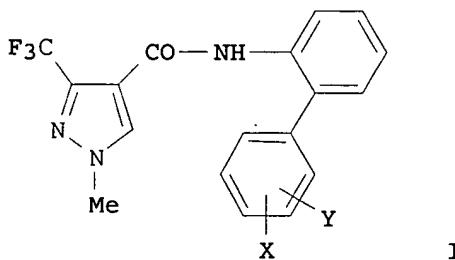


- AB Title compds. I [R1 = H, F; R2 = H, halogen, alkyl, halomethyl, alkoxy, alkylthio; R3 = Me, CHF₂, CF₃] were prepared by amidation. Thus, the pyrazolecarboxyl chloride was amidated with 2-H₂NC₆H₄C₆H₄Cl-4 to give I [R1 = H, R2 = 4-Cl, R3 = Me] which had antifungal activity against Erysiphe graminis at 250 ppm.
- IT 220507-00-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of N-biphenylpyrazolecarboxamides as fungicides)
- RN 220507-00-6 CAPLUS
- CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro[1,1'-biphenyl]-2-yl)-5-fluoro-1,3-dimethyl- (9CI) (CA INDEX NAME)



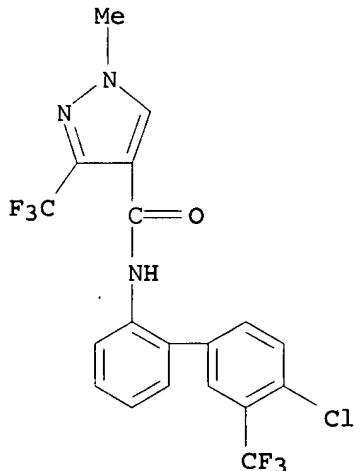
L4 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:356557 CAPLUS
 DOCUMENT NUMBER: 127:5086
 TITLE: Preparation of pyrazolecarboxyanilide derivatives as agrochemical fungicides
 INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji; Katsuta, Hiroshi; Kawashima, Hideo; Yanase, Yuji; Kishi, Atsuo; Inami, Shunichi
 PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09132567	A2	19970520	JP 1995-290158	19951108
PRIORITY APPLN. INFO.:				
OTHER SOURCE(S):	MARPAT 127:5086			
GI				

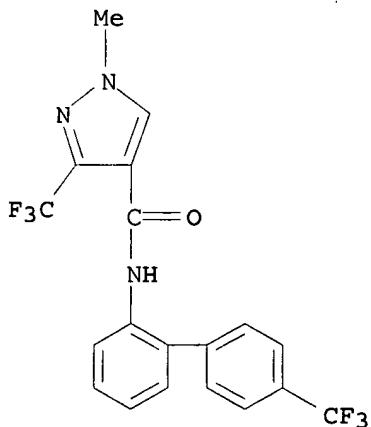


AB The title compds. (I; X = halo; Y = 3- or 4-CF₃) are prepared as agrochem. fungicides. Thus, 2-(4-chloro-3-trifluoromethylphenyl)aniline (preparation given) was reacted with 3-trifluoromethyl-1-methylpyrazole-4-carboxylic chloride in the presence of pyridine to give 56% I (X = 4-Cl, Y = 3-CF₃) (II). II at 200 ppm showed 100% fungicidal effect for Puccinia recondita,

IT Erysiphe graminis, and Botrytis cinerea.
IT 189575-65-3P 189575-66-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazolecarboxyanilide derivs. as agrochem. fungicides)
RN 189575-65-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[4'-chloro-3'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 189575-66-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]- (9CI) (CA INDEX NAME)

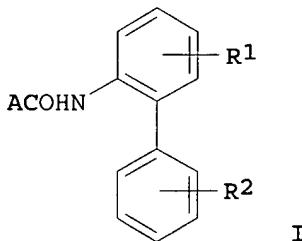


L4 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:280947 CAPLUS
DOCUMENT NUMBER: 126:264007
TITLE: Preparation of heteroaroyl biphenylamides as agrochemical and industrial fungicides.
INVENTOR(S): Eicken, Karl; Rang, Harald; Harreus, Albrecht; Goetz, Norbert; Ammermann, Eberhard; Lorenz, Gisela;

STRATHMANN, Siegfried
 PATENT ASSIGNEE(S) : BASF A.-G., Germany
 SOURCE: Ger. Offen., 21 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19531813	A1	19970306	DE 1995-19531813	19950830
WO 9708148	A1	19970306	WO 1996-EP3753	19960826
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, TJ, TM RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9669285	A1	19970319	AU 1996-69285	19960826
EP 847388	A1	19980617	EP 1996-930102	19960826
EP 847388	B1	20030625		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 11511449	T2	19991005	JP 1996-509844	19960826
AT 243682	E	20030715	AT 1996-930102	19960826
PT 847388	T	20031031	PT 1996-930102	19960826
ES 2202463	T3	20040401	ES 1996-930102	19960826
ZA 9607315	A	19980302	ZA 1996-7315	19960829
US 5998450	A	19991207	US 1998-11717	19980217
PRIORITY APPLN. INFO.:			DE 1995-19531813	A 19950830
			WO 1996-EP3753	W 19960826

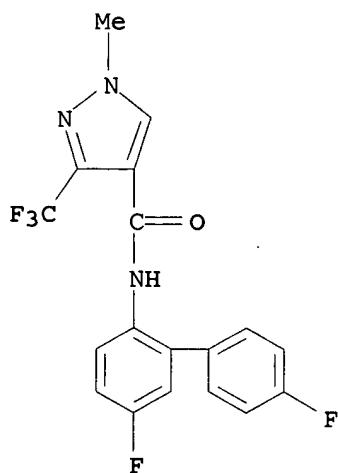
OTHER SOURCE(S) : MARPAT 126:264007
 GI



- AB Title compds. (I; R1 = F; R2 = H, halo, alkyl, CF₃, alkoxy, alkylthio; A = substituted pyridyl, thiazolyl, pyrazolyl), were prepared. Thus, 2-amino-4'-chloro-5-fluorobiphenyl (preparation given) was stirred with 2-chloronicotinoyl chloride in THF containing Et₃N at 5° to give 2-nicotinic acid 4-chloro-5-fluorobiphenyl-2-amide. Several I at 250 ppm gave 100% control of Botrytis cinerea on paprika.
- IT 188731-28-4P 188731-29-5P 188731-30-8P
 188731-31-9P 188731-32-0P 188731-33-1P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of aryl biphenylamides as agrochem. and industrial fungicides)

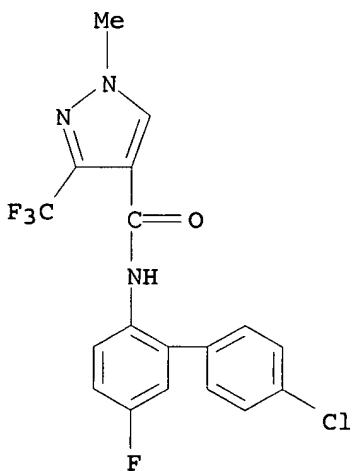
RN 188731-28-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',5-difluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



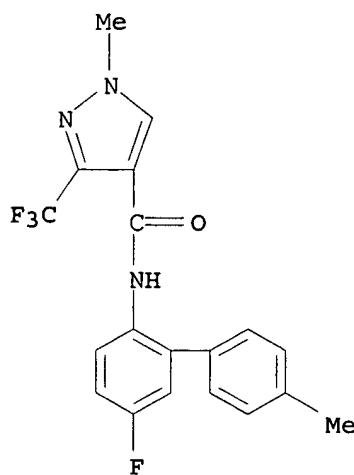
RN 188731-29-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-5-fluoro[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



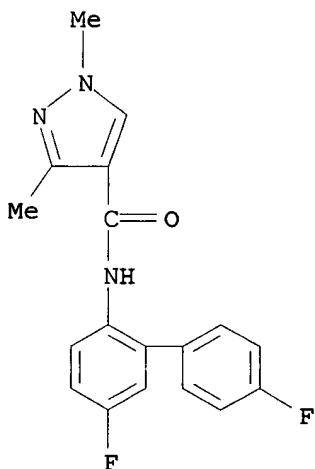
RN 188731-30-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(5-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



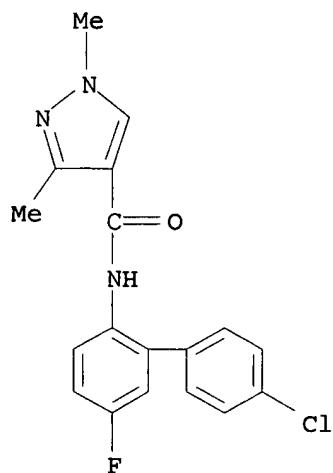
RN 188731-31-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4',5-difluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



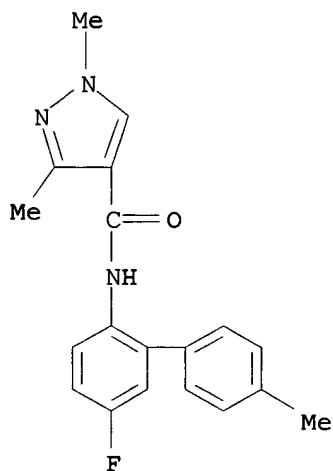
RN 188731-32-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(4'-chloro-5-fluoro[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 188731-33-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(5-fluoro-4'-methyl[1,1'-biphenyl]-2-yl)-1,3-dimethyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
FULL ESTIMATED COST	ENTRY	SESSION	
	151.67	318.82	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
CA SUBSCRIBER PRICE	ENTRY	SESSION	
	-21.00	-21.00	

STN INTERNATIONAL LOGOFF AT 13:18:03 ON 13 SEP 2006